

AD-A128 508

LOADS AND PERFORMANCE DATA FROM A WIND-TUNNEL TEST OF  
MODEL ARTICULATED H. (U) NATIONAL AERONAUTICS AND SPACE  
ADMINISTRATION HAMPTON VA LANG. W T VERGER ET AL.

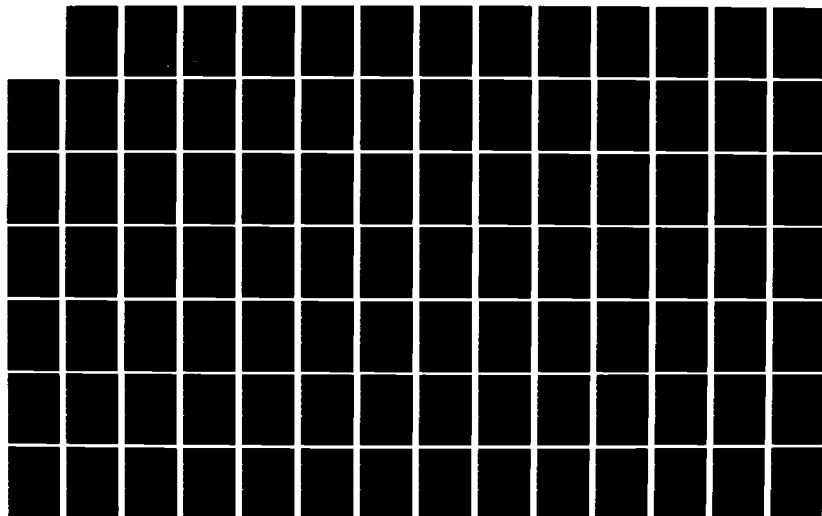
1/4

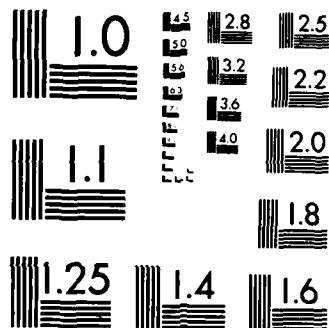
UNCLASSIFIED

APR 83 NASA-L-15507 NASA-TN-84573

F/G 28/4

NL





MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A

NASA  
Technical Memorandum 84573

AVRADCOM  
Technical Report 82-B-9

AD A128000  
80  
70  
60  
50  
40  
30  
20  
10  
0

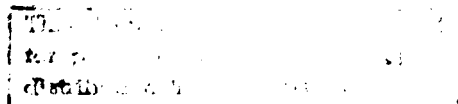
# Loads and Performance Data From a Wind-Tunnel Test of Model Articulated Helicopter Rotors With Two Different Blade Torsional Stiffnesses

William T. Yeager, Jr.,  
and Wayne R. Mantay

APRIL 1983

DTIC FILE COPY

NASA



DTIC  
S  
E



# Loads and Performance Data From a Wind-Tunnel Test of Model Articulated Helicopter Rotors With Two Different Blade Torsional Stiffnesses

William T. Yeager, Jr.,  
and Wayne R. Mantay  
*Structures Laboratory  
AVRADCOM Research and Technology Laboratories  
Langley Research Center  
Hampton, Virginia*

Accession For	
NTIS GRA&I	<input checked="" type="checkbox"/>
DTIC TAB	<input type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification	
By	
Distribution/	
Availability Codes	
Dist	Avail and/or Special
A	



**NASA**

National Aeronautics  
and Space Administration

Scientific and Technical  
Information Branch

1983

This document has been approved  
for public release and its  
distribution is unlimited.



Use of trade names or names of manufacturers in this report does not constitute an official endorsement of such products or manufacturers, either expressed or implied, by the National Aeronautics and Space Administration.

## SUMMARY

An investigation was conducted in the Langley Transonic Dynamics Tunnel to evaluate a passive means of tailoring helicopter rotor blades to improve performance and reduce loads. The parameters investigated were blade torsional stiffness, blade section camber, and distance between blade structural elastic axis and blade-tip aerodynamic center. This offset was accomplished by sweeping the tip. The investigation was conducted at advance ratios of 0.20, 0.30, and 0.40. Data are presented without analysis; however, cross-referencing of performance data and harmonic-loads data may be useful to the analyst for validating aeroelastic theories and design methodologies as well as for evaluating passive aeroelastic tailoring of rotor blade parameters.

## INTRODUCTION

During high-speed helicopter flight, rotor operating limitations often result from unfavorable spanwise and azimuthal air-load distributions. As forward speed of the helicopter increases, the rotor disk is asymmetrically loaded because of differences in relative velocity encountered around the azimuth by the blades. Blade sections on the advancing side of the disk undergo compressibility effects, whereas blade sections on the retreating side of the disk may undergo stall effects. To increase forward-flight efficiency while maintaining hover efficiency, designers have built in blade twist, used advanced airfoil sections, and changed solidity to improve overall rotor air-load distribution. These efforts have resulted in compromises that affect hover and forward-flight performance. For example, large amounts of twist applied to increase hover efficiency can result in limitations on forward flight such as high flapwise stresses on blades (ref. 1).

In an attempt to avoid restrictions of fixed-geometry blades, conformable-rotor concepts have been considered. Initially, these rotors were designed with active control mechanisms (refs. 1 to 3) in an attempt to tailor the rotor for increased performance or reduced loads in all flight regimes. The active control systems, however, tend to be complex, costly, and unreliable. To avoid these limitations, passive means of tailoring the rotor blades have been investigated (refs. 4 to 7). These passive rotor concepts are usually designed to allow the blade to adapt to an operating condition by means of favorable dynamic twist, thereby improving performance and reducing loads.

An investigation was conducted in the Langley Transonic Dynamics Tunnel to evaluate a passive means of tailoring rotor blades to improve performance and reduce loads. The parameters investigated were blade torsional stiffness, blade section camber, and distance between the blade structural elastic axis and the blade-tip aerodynamic center. This offset was accomplished by sweeping the tip. Configurations involving blades with reduced torsional stiffness are referred to in this report as aeroelastically conformable rotors (ACR). The investigation was conducted at advance ratios of 0.20, 0.30, and 0.40. Data are presented without analysis.

# SYMBOLS

The positive directions of forces, angles, and velocities are shown in figure 1. The symbols in parentheses are used in the computer-generated data tables.

$A_n$	(AMP)	amplitude of nth harmonic of blade or pitch link load, in-lb or lb
$A_0$	(MEAN)	mean value of Fourier analysis of blade or pitch link load, in-lb or lb
$A_1$	(A1)	rotor first-harmonic lateral cyclic pitch angle, deg
$a$		speed of sound, ft/sec
$B_1$	(B1)	rotor first-harmonic longitudinal cyclic pitch angle, deg
$b$		number of blades
$C_D$	(CD)	rotor drag coefficient, $\frac{D}{\rho \pi R^2 (\Omega R)^2}$
$C_L$	(CL)	rotor lift coefficient, $\frac{L}{\rho \pi R^2 (\Omega R)^2}$
$C_Q$	(CQ)	rotor torque coefficient, $\frac{Q}{\rho \pi R^3 (\Omega R)^2}$
$c$		nominal blade chord, 3.625 in.
$D$		rotor drag, lb
$L$		rotor lift, lb
$M_T$		rotor tip Mach number, $\frac{\Omega R}{a}$
$Q$		rotor shaft torque, in-lb
$R$		rotor radius, 58.8 in.
	(RPM)	rotor rotational velocity, revolutions per minute
$r$		spanwise distance along blade radius measured from center of rotation, in.
$V$		free-stream velocity, ft/sec
$\alpha_s$	(ALPHA)	rotor shaft angle of attack, deg
$\theta$	(THETA)	rotor blade collective pitch angle at 0.75R, deg
$\theta_1$		twist angle built into rotor blade, positive for nose-up, deg
$\mu$		rotor advance ratio, $\frac{V}{\Omega R}$

$\rho$		test-medium mass density, slugs/ft <sup>3</sup>
$\sigma$	(SIGMA)	rotor solidity, $\frac{bc}{\pi R} = 0.0785$
$\phi_n$	(PHASE)	phase angle of nth harmonic of blade or pitch link load, deg
$\psi$		rotor blade azimuth angle, deg
$\Omega$		rotor rotational velocity, rad/sec
$\omega$		natural frequency of rotating blade mode, rad/sec

## APPARATUS AND PROCEDURES

### Wind Tunnel

The experiment was conducted in the Langley Transonic Dynamics Tunnel (TDT). A schematic of the TDT is shown in figure 2. The TDT is a continuous-flow tunnel with a slotted test section and is capable of operation up to Mach 1.2 at stagnation pressures up to 1 atm. The tunnel test section is 16 ft square with cropped corners and has a cross-sectional area of 248 ft<sup>2</sup>. Either air or Freon 12<sup>1</sup> may be used as a test medium. For this investigation, Freon 12 at a nominal density of 0.006 slug/ft<sup>3</sup> was used as the test medium. Because of its high density and low speed of sound, the use of Freon 12 aids the matching of model-rotor-scale Reynolds number and Mach number to full-scale values. Furthermore, some restrictions on model structural design are eased, and dynamic similarity is still maintained. The heavier test medium permits a simplified structural design to obtain the required stiffness characteristics, and thus eases design and fabrication requirements of the model (ref. 8).

### Model Description

The rotor model used in this investigation was a 0.182-scale, four-bladed, articulated rotor with coincident lead-lag and flapping hinges. The hub operated with a pitch-flap coupling ratio of 0.5 (flap up, pitch down). The attachment point of the blade pitch link was 1.4 in. aft of the blade pitch axis. The blade geometry and built-in twist distribution are shown in figure 3. The blades were designed such that changes to the tip configuration could be made at the 85-percent-radius station. Two tip configurations, a rectangular and a swept tip, were tested during this investigation. The geometry of these tips is shown in figure 4. The two sets of blades used during this investigation were Mach-scaled and differed only in torsional stiffness. The structural properties and rotating natural frequencies of the two blade sets are presented in tables I and II. Each set of blades was composed of an SC 1095 airfoil from the root cutout to 47 percent radius and from 91 percent radius to the tip. Between 48 and 90 percent radius, a cambered SC 1095-R8 airfoil was used. The regions between 47 and 48 percent radius and 90 and 91 percent radius were used to transition between the two airfoils. Between 48 and 83 percent radius, each blade was also equipped with 20 adjustable trailing-edge tabs, 6.5-percent-chord wide each, which could be used to change the local blade section camber. One blade of

---

<sup>1</sup>Freon: Registered trademark of E. I. du Pont de Nemours & Co., Inc.

each set was instrumented with resistance-wire strain-gage bridges calibrated to measure blade structural moments about three axes at several blade radial stations. Flapwise (out-of-plane) moments and chordwise (in-plane) moments were measured at 25, 37, 51, and 77 percent radius, whereas torsional moments were measured at 28, 36, 50, and 75 percent radius.

The blades were tested using the aeroelastic rotor experimental system (ARES) shown in figures 5 and 6. The ARES has a streamlined helicopter fuselage shape enclosing the rotor controls and drive system. The ARES is powered by a variable frequency synchronous motor rated at 47-hp output at 12 000 rpm. The motor is connected to the rotor shaft through a belt-driven two-stage speed reduction system. The ARES rotor control system and rotor shaft angle of attack are remotely controlled from the wind-tunnel control room. The model rotor shaft angle of attack is varied by an electrically controlled hydraulic actuator. Blade collective pitch and lateral and longitudinal cyclic pitch are input to the rotor through the swashplate. The swashplate is moved by three hydraulic actuators.

Instrumentation on the ARES allows continuous displays of model control settings, rotor forces and moments, blade loads, and pitch link loads. The ARES rotor shaft pitch attitude is measured by an accelerometer, and rotor control positions are measured by linear potentiometers connected to the swashplate. Rotor blade flapping and lagging are measured by rotary potentiometers mounted on the rotor hub and geared to the blade cuff. Rotor shaft speed is determined by a magnetic sensor. The rotating blade data are transferred through a 30-channel slip-ring assembly. Rotor forces and moments are measured by a six-component strain-gage balance mounted below the pylon and drive system. The balance is fixed with respect to the rotor shaft and pitches with the fuselage. Fuselage forces and moments are not sensed by the balance.

#### Test Procedure

At each test point, the rotor rotational speed and tunnel conditions were adjusted to give the desired values of tip Mach number and advance ratio. The model was then pitched to the desired shaft angle of attack. Blade collective pitch was changed to obtain variations in rotor lift. At each collective pitch setting, the cyclic pitch was used to remove rotor first-harmonic flapping with respect to the rotor shaft. Data were then recorded at each value of collective pitch. The maximum value of collective pitch attained at each shaft angle of attack was determined in most cases by either blade load limits or ARES drive system limits. Rotor aerodynamic performance and blade loads were measured at advance ratios of 0.20, 0.30, and 0.40 for shaft angles of attack from  $5^{\circ}$  to  $-15^{\circ}$  and a rotational tip Mach number of 0.65. Data were also obtained at advance ratios of 0.30 and 0.40 for rotational tip Mach numbers of 0.62 and 0.68.

Model deadweight tares were determined throughout the range of shaft angles of attack with the blades on and with them removed. Aerodynamic rotor hub tares were determined with the blades removed throughout the ranges of shaft angles of attack and advance ratios investigated. Both deadweight and aerodynamic hub tares have been removed from the data presented herein.

## PRESENTATION OF RESULTS

The rotor performance and loads data obtained during this investigation are presented in both figures and tables. Rotor performance is presented as plots of  $C_L/\sigma$  versus  $C_D/\sigma$  and  $C_L/\sigma$  versus  $C_Q/\sigma$  for each combination of advance ratio  $\mu$  and rotor tip Mach number  $M_T$  for each rotor configuration. These rotor performance parameters (CL/SIGMA, CD/SIGMA, and CQ/SIGMA) are also presented in tabular form along with the corresponding rotor control angles  $A_1$ ,  $B_1$ , and  $\theta$  ( $A_1$ ,  $B_1$ , and THETA). Each plotted and tabulated data point is identified by a specific test run number and point number. For example, point 213 of run 9 is indicated as 9.213 in the plots. The rotor loads data are presented in tabular form for each combination of  $\mu$  and  $M_T$  for each rotor configuration and consist of the mean (MEAN), oscillatory (1/2 peak to peak (1/2 P-P)), and first eight harmonics (1P to 8P) of a Fourier analysis of the instrumented blade strain-gage signals. Pitch link loads are also presented. The loads data, like the performance data, are identified by a specific test run number and point number. This allows cross-referencing of loads and performance data. The amplitudes (AMP) of the blade flapwise, chordwise, and torsion loads are presented in inch-pounds, and the amplitude of the pitch link loads is presented in pounds. The amplitudes of all phase angles (PHASE) are presented in degrees referenced in the direction of rotor rotation from  $0^\circ$  over the tail of the model. The sign conventions for the blade loads data are as follows: flapwise up, positive; chordwise aft, positive; torsion blade nose-up, positive; and pitch link load for a tension load, positive. The total blade load or pitch link load at any azimuth location may be reconstructed from the tabulated harmonics by using the following equation:

$$\text{Load} = A_0 + \sum_{n=1}^8 A_n \sin(n\psi + \phi_n)$$

The data are presented in the following order:

	Table	Figure
Data repeatability . . . . .	III-IV	7-8
ACR blade, rectangular tip, $0^\circ$ tabs . . . . .	V	9
ACR blade, rectangular tip, $4^\circ$ tabs . . . . .	VI	10
ACR blade, swept tip, $4^\circ$ tabs . . . . .	VII	11
Baseline blade, swept tip, $0^\circ$ tabs . . . . .	VIII	12

The positive direction of all tab deflections indicated is for trailing-edge up. The data presented under "data repeatability" were presented in this form to allow the reader to make a comparative assessment of the quality of the data obtained during this investigation. The data presented in figures 7 and 8 were selected as the most representative repeat data points.

## CONCLUDING REMARKS

Performance and loads data are compiled for two model helicopter rotors incorporating differences in rotor structural and geometric parameters. The test measured the effects of blade torsional stiffness, blade section camber, and distance between

the blade structural elastic axis and blade-tip aerodynamic center on rotor performance and loads. The cross-referencing of performance data and harmonic-loads data may be useful to the analyst for validating rotor aeroelastic theories and design methodologies as well as for evaluating passive aeroelastic tailoring of rotor blade parameters.

Langley Research Center  
National Aeronautics and Space Administration  
Hampton, VA 23665  
January 3, 1983

#### REFERENCES

1. Lemnios, A. Z.; and Smith, A. F.: An Analytical Evaluation of the Controllable Twist Rotor Performance and Dynamic Behavior. USAAMRDL Tech. Rep. 72-16, U.S. Army, May 1972. (Available from DTIC as AD 747 808.)
2. Lemnios, A. Z.; Nettles, William E.; and Howes, H. E.: Full Scale Wind Tunnel Tests of a Controllable Twist Rotor. Preprint No. 1064, 32nd Annual National V/STOL Forum, American Helicopter Soc., May 1976.
3. McCloud, John L., III; and Kretz, Marcel: Multicyclic Jet-Flap Control for alleviation of Helicopter Blade Stresses and Fuselage Vibration. Proceedings - Specialists Meeting on Rotorcraft Dynamics, American Helicopter Soc. and NASA-Ames Research Center, Feb. 1974.
4. Doman, Glidden S.; Tarzanin, Frank J.; and Shaw, John, Jr.: Investigation of Aeroelastically Adaptive Rotor Systems. Proceedings of a Symposium on Rotor Technology, American Helicopter Soc., Aug. 1976.
5. Blackwell, R. H.; and Merkley, D. J.: The Aeroelastically Conformable Rotor Concept. Preprint No. 78-59, American Helicopter Soc., May 1978.
6. Blackwell, R. H.; Murrill, R. J.; Yeager, W. T., Jr.; and Mirick, P. H.: Wind Tunnel Evaluation of Aeroelastically Conformable Rotors. Preprint No. 80-23, 36th Annual Forum Proceedings, American Helicopter Soc., May 1980.
7. Blackwell, R. H.; and Frederickson, K. C.: Wind Tunnel Evaluation of Aeroelastically Conformable Rotors. USAAVRADCOM-TR-80-D-32, U.S. Army, Jan. 1981.
8. Lee, Charles: Weight Considerations in Dynamically Similar Model Rotor Design. SAWE Paper No. 659, May 1968.

TABLE I.- PROPERTIES OF BASELINE BLADE

(a) Structural properties

Inboard station of segment, r/R	Segment length, ft	Mass, slugs	Structural stiffness, lb-ft <sup>2</sup>			Radius of gyration of spar, ft
			Chordwise	Flapwise	Torsional	
0.117	0.167	0.011	69 397	9319.0	431.7	0.000417 ↓
.151	.417	.007	2 776	9319.0	431.7	
.236	.751	.014	2 776	74.3	88.8	
.389	.417	.008	2 568	81.3	91.7	
.474	.335	.006	↓	75.7	93.7	
.542	.915	.017	↓	81.3	94.4	
.729	.335	.006	↓	86.6	92.2	
.797	.249	.005	↓	91.7	102.1	
.850	.167	.005	694	33.4	27.1	
.884	.568	.002	347	20.8	21.5	

(b) Model rotor blade rotating natural frequencies

Model identity	$\omega/\Omega^*$
Flapwise	2.65
Flapwise	4.98
Chordwise	5.08
Torsional	7.06
Flapwise	8.17

\* $\Omega$  = 68.07 rad/sec.



TABLE II.- PROPERTIES OF ACR BLADE

## (a) Structural properties

Inboard station of segment, r/R	Segment length, ft	Mass, slugs	Structural stiffness, lb-ft <sup>2</sup>			Radius of gyration of spar, ft
			Chordwise	Flapwise	Torsional	
0.117	0.167	0.011	69 397	9319.0	431.7	0.000417 ↓
.151	.417	.007	2 776	9319.0	431.7	
.236	.751	.014	2 776	75.7	85.4	
.389	.417	.008	2 568	78.4	68.0	
.474	.335	.006	↓	75.0	27.8	
.542	.915	.017	↓	71.4	23.0	
.729	.335	.006	↓	88.8	26.4	
.797	.249	.005	↓	72.1	27.8	
.850	.167	.005	694	59.8	33.4	
.884	.568	.002	347	20.8	21.5	

## (b) Model rotor blade rotating natural frequencies

Model identity	$\omega/\Omega^*$
Flapwise	2.75
Torsional	4.50
Flapwise	4.96
Chordwise	4.98
Flapwise	8.17

\* $\Omega$  = 68.07 rad/sec.

TABLE III.- REPEAT DATA POINTS FOR ACR BLADE  
WITH SWEEPED TIP AND 4° TABS

[Data plotted in fig. 7]

(a)  $\mu = 0.20$ ;  $M_T = 0.65$

PT.	ALPHA	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CG/SIGMA
139	-10.0	-0.9	3.3	4.0	.03503	-.00610	.00267
140	-10.0	-1.3	3.8	9.9	.04741	-.00822	.00333
141	-10.0	-1.7	4.5	7.9	.06049	-.01065	.00413
142	-10.0	-2.1	5.2	9.9	.07183	-.01289	.00496
143	-10.0	-2.6	5.9	11.9	.08396	-.01515	.00597
144	-10.0	-3.1	6.6	13.9	.09496	-.01751	.00714
145	-10.0	-3.6	7.1	15.8	.10519	-.01959	.00828
150	-9.9	-0.8	3.5	4.0	.03664	-.00591	.00277
151	-10.0	-1.3	4.0	6.0	.04672	-.00809	.00343
152	-10.0	-1.6	4.7	7.9	.06047	-.01036	.00426
153	-10.0	-2.0	5.5	9.9	.07235	-.01261	.00508
154	-10.0	-2.6	6.1	12.1	.08573	-.01520	.00620
155	-10.0	-2.9	6.8	13.8	.09546	-.01722	.00735

(b)  $\mu = 0.30$ ;  $M_T = 0.65$

PT.	ALPHA	A1	B1	THETA	CL/SIGMA	CU/SIGMA	CV/SIGMA
213	-5.0	-1.3	3.2	4.1	.04287	-.00294	.00256
214	-5.0	-2.3	6.6	6.0	.05092	-.00446	.00321
215	-5.0	-2.4	7.0	8.0	.06145	-.00566	.00385
216	-5.0	-2.7	4.0	9.4	.07463	-.00654	.00449
217	-5.0	-3.2	9.2	11.9	.08351	-.00836	.00551
218	-5.0	-4.2	10.5	14.1	.09520	-.01056	.00692
219	-5.0	-4.4	10.6	14.8	.09788	-.01096	.00739
220	-5.0	-4.8	11.2	15.6	.10204	-.01195	.00823
251	-5.0	-1.2	3.2	1.4	.02612	-.00158	.00209
252	-5.0	-1.2	3.3	3.4	.04167	-.00271	.00252
356	-4.9	-1.4	4.3	2.0	.03045	-.00200	.00207
357	-4.9	-1.4	5.7	4.0	.04196	-.00324	.00269
358	-4.9	-1.7	6.4	6.0	.05534	-.00436	.00322
359	-4.9	-2.4	7.6	7.1	.06634	-.00594	.00396
360	-4.9	-2.6	8.6	9.9	.07635	-.00740	.00475
361	-4.9	-3.3	9.6	11.9	.08774	-.00886	.00570
362	-4.9	-3.4	10.4	13.4	.09747	-.01037	.00687
363	-4.9	-4.3	11.0	14.6	.10153	-.01139	.00766
364	-4.9	-4.6	11.7	16.0	.10561	-.01224	.00870
427	-4.9	-1.4	5.4	4.1	.04310	-.00286	.00254
428	-4.9	-1.9	6.1	6.1	.05574	-.00402	.00317
429	-4.9	-2.4	7.7	8.1	.06411	-.00556	.00343
430	-4.9	-2.6	8.2	9.4	.07673	-.00679	.00460
431	-4.9	-3.4	9.2	11.4	.08633	-.00831	.00539
433	-4.9	-4.4	11.0	14.4	.09946	-.01101	.00762

(c)  $\mu = 0.40$ ;  $M_T = 0.65$

PT.	ALPHA	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CG/SIGMA
331	-5.0	-1.3	6.4	4.0	.03351	-.00124	.00280
332	-5.0	-1.7	8.0	6.0	.04272	-.00245	.00345
333	-5.0	-1.8	8.0	3.4	.04234	-.00250	.00342
334	-5.0	-1.9	6.9	7.9	.05429	-.00354	.00399
335	-5.0	-2.4	10.1	9.9	.06390	-.00484	.00466
365	-4.8	-1.5	6.5	4.0	.03191	-.00152	.00268
366	-4.9	-1.8	8.0	6.0	.04163	-.00281	.00333
367	-4.9	-2.1	9.1	8.0	.05245	-.00408	.00349
368	-4.9	-2.5	10.2	9.4	.06283	-.00524	.00460

TABLE IV.- REPEAT DATA POINTS FOR BASELINE BLADE  
WITH SWEPT TIP AND 0° TABS

[Data plotted in fig. 8]

(a)  $\mu = 0.30$ ;  $M_T = 0.65$

PT.	ALPHA	A1	B1	T/META	CL/SIGMA	CU/SIGMA	CO/SIGMA
534	-4.9	-4.4	3.6	6.2	.03349	-.00156	.00229
535	-5.0	-1.0	4.5	8.1	.04637	-.00296	.00288
537	-4.9	-2.5	6.6	12.1	.07177	-.00627	.00453
538	-4.9	-2.9	7.4	14.0	.08694	-.00775	.00550
539	-4.9	-3.7	8.8	16.1	.09836	-.00926	.00673
541	-4.9	-4.4	9.6	18.1	.10939	-.01138	.00891
542	-5.0	-2.5	6.6	11.9	.07144	-.00653	.00443
617	-4.9	.0	1.8	2.0	.00489	.00167	.00131
618	-4.8	-.2	2.4	4.1	.02092	.00013	.00192
619	-4.9	-.7	3.4	5.9	.03381	-.00124	.00237
620	-4.9	-1.1	4.8	8.2	.04864	-.00296	.00315
621	-4.9	-1.6	5.5	9.9	.06142	-.00431	.00377
622	-4.9	-2.3	6.5	12.0	.07493	-.00606	.00466
623	-4.9	-2.8	7.7	14.1	.08880	-.00803	.00581
626	-4.9	-1.4	6.0	11.0	.06906	-.00510	.00412
682	-5.0	.1	1.9	2.0	.00458	.00097	.00120
683	-5.0	.1	1.9	2.0	.00462	.00097	.00118
684	-4.9	.1	2.4	4.0	.02104	-.00065	.00158
685	-5.0	-.4	3.9	6.0	.03282	-.00210	.00206
686	-5.0	-.5	3.9	6.0	.03352	-.00219	.00208
687	-5.0	-1.0	4.7	7.8	.04573	-.00352	.00270
688	-5.0	-1.6	5.5	10.0	.06245	-.00515	.00351
689	-5.0	-2.0	6.5	11.9	.07380	-.00666	.00439
690	-5.0	-2.7	7.6	14.1	.08944	-.00849	.00552
691	-5.0	-3.4	8.5	15.9	.10047	-.01019	.00667
692	-5.0	-4.2	9.6	17.9	.11189	-.01198	.00851

(b)  $\mu = 0.30$ ;  $M_T = 0.68$

PT.	ALPHA	A1	B1	T/META	CL/SIGMA	CU/SIGMA	CO/SIGMA
584	-5.0	-.6	3.6	6.2	.03136	-.00134	.00228
585	-5.0	-1.2	4.6	8.2	.04443	-.00295	.00290
586	-5.0	-1.3	5.5	10.0	.05770	-.00436	.00354
588	-5.0	-2.9	7.6	14.0	.08368	-.00777	.00553
627	-4.8	-.1	2.5	4.1	.02033	-.00007	.00187
628	-4.8	-.6	3.4	6.0	.03446	-.00156	.00238
629	-4.9	-1.1	4.6	8.1	.04806	-.00313	.00297
630	-4.9	-1.6	5.4	10.0	.06132	-.00464	.00367
631	-4.9	-2.2	6.3	11.9	.07444	-.00619	.00447
632	-4.9	-2.8	7.3	13.9	.08796	-.00789	.00555
633	-4.9	-3.4	8.4	16.0	.10050	-.00959	.00682
639	-5.0	-.3	2.5	3.9	.01495	-.00022	.00176
640	-5.0	-.7	3.6	5.9	.03395	-.00169	.00223
641	-5.0	-1.1	4.6	8.0	.04852	-.00330	.00294
642	-5.0	-1.5	5.6	9.9	.06203	-.00477	.00366
643	-5.0	-2.1	6.4	11.7	.07337	-.00624	.00449
644	-5.0	-2.8	7.5	13.8	.08814	-.00808	.00553
645	-5.0	-3.6	8.6	15.9	.10066	-.01002	.00691

TABLE V.- ROTOR PERFORMANCE AND BLADE LOADS DATA FOR ACR BLADE  
WITH RECTANGULAR TIP AND 0° TABS

(a)  $\mu = 0.20$ ;  $M_T = 0.65$

PT.	CL/SIGMA	CD/SIGMA	CQ/SIGMA
376	.02657	-.00340	.00218
377	.04128	-.00634	.00297
378	.06084	-.00964	.00407
379	.07567	-.01253	.00519
380	.09334	-.01521	.00656
381	.10773	-.01850	.00820
382	.02543	-.00044	.00150
383	.04028	-.00272	.00213
384	.05678	-.00450	.00278
385	.07463	-.00603	.00364
386	.09115	-.00758	.00470
387	.10598	-.00915	.00601
388	.00809	-.00021	.00121
389	.01649	-.00030	.00157
390	.02657	-.00043	.00212
391	.03975	-.00014	.00300
392	.05366	-.00002	.00408
393	.06770	.00014	.00534
394	.08170	.00002	.00687
395	.09751	.00025	.00874
396	.10419	.00041	.00970

TABLE V.- Continued

(a) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO 38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
376	46.88	18.14	613	5.58	3.74	2.97	1.46	1.71	.63	.25	.59 AMP
377	49.16	9.29	612	145.56	334.57	2.93	335.54	51.27	312.57	178.63	384.38 PHASE
378	51.98	9.66	612	5.93	3.88	1.18	1.55	1.23	293.89	187.79	289.95 PHASE
379	54.66	11.08	612	146.22	342.66	1.01	322.85	34.81	293.89	187.79	289.95 PHASE
380	57.59	14.98	612	5.25	3.93	1.29	1.69	1.69	285.88	6.28	265.12 PHASE
381	60.81	17.48	612	147.29	350.15	36.24	318.48	333.89	285.88	6.28	265.12 PHASE
382	45.31	13.29	611	4.63	4.31	1.18	1.15	2.62	1.68	.79	1.14 AMP
383	47.63	11.42	612	138.52	351.44	47.94	288.31	328.82	236.41	16.41	239.19 PHASE
384	50.14	18.25	612	3.95	4.94	1.88	1.85	3.27	1.36	1.23	1.48 AMP
385	52.82	11.78	612	118.42	12.75	288.62	247.82	316.84	219.15	19.39	244.53 PHASE
386	55.55	14.32	612	4.42	6.85	2.55	1.54	3.55	1.68	1.52	1.65 AMP
387	58.13	15.85	613	86.94	9.18	257.81	199.78	289.37	194.73	355.41	287.21 PHASE
388	46.33	3.88	616	6.51	4.98	4.42	2.35	1.32	321.66	288.45	316.16 PHASE
389	47.48	6.98	613	155.72	317.95	72.46	338.82	185.97	321.66	288.45	316.16 PHASE
390	49.84	13.88	612	6.48	4.45	3.15	1.92	.98	295.36	289.37	295.25 PHASE
391	50.54	15.88	611	148.22	322.73	53.38	312.83	52.88	295.36	289.37	295.25 PHASE
392	52.84	17.28	614	5.87	4.16	2.48	1.97	1.83	1.46	.53	1.31 AMP
393	54.51	17.48	612	148.23	334.55	39.98	388.64	341.82	283.39	327.18	298.78 PHASE
394	56.83	21.66	612	5.32	3.94	1.88	2.87	2.46	1.72	.86	1.87 AMP
395	59.73	23.88	611	144.88	342.26	2.38	282.52	312.39	271.68	329.46	275.94 PHASE
396	61.33	26.71	612	4.45	8.82	1.49	2.37	3.48	2.32	1.87	2.24 AMP
				131.83	353.17	329.28	248.89	381.36	243.74	389.94	286.39 PHASE
				3.95	4.92	1.66	2.66	3.81	2.56	.79	2.58 AMP
				189.39	8.57	383.17	229.28	312.81	236.32	318.87	256.17 PHASE
				.68	.68	.68	.58	.28	.51	.33	.32 AMP
				266.16	264.53	381.65	261.88	265.61	381.42	388.39	381.92 PHASE
				.17	.53	2.29	1.87	1.12	.24	.79	.48 AMP
				162.84	295.81	7.46	384.46	22.68	153.89	48.36	213.91 PHASE
				.62	.39	1.28	1.76	2.58	1.14	.97	.73 AMP
				142.45	287.53	48.56	47.67	338.71	296.98	297.74	221.11 PHASE
				.37	1.46	2.78	1.19	2.18	.81	1.36	.49 AMP
				189.93	185.78	318.46	76.78	136.44	268.47	68.83	54.76 PHASE
				.95	1.35	2.11	2.25	2.81	.31	.56	.73 AMP
				217.37	214.33	78.85	75.63	75.74	66.41	277.51	73.45 PHASE
				.54	1.94	.96	.76	1.77	2.68	1.64	1.14 AMP
				237.85	183.83	28.52	134.21	18.56	318.87	216.98	238.74 PHASE
				.39	.83	5.16	2.64	3.43	.26	1.14	.78 AMP
				278.91	281.78	186.48	47.57	286.93	34.66	228.18	9.76 PHASE
				1.88	1.88	2.79	3.18	3.17	1.26	1.66	1.51 AMP
				268.37	123.82	348.94	184.41	25.88	253.81	148.81	285.58 PHASE
				1.52	2.58	6.77	2.76	6.77	1.76	1.76	.35 AMP
				337.63	137.58	36.46	24.68	317.31	35.38	178.87	223.87 PHASE

CHORDWISE 25 PERCENT RADIUS											
RUN NO 38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
376	55.82	19.62	613	5.68	2.85	3.82	2.25	3.62	3.96	1.13	.18 AMP
377	56.74	38.41	612	287.71	139.83	278.29	335.97	273.97	173.61	68.74	14.27 PHASE
378	57.38	57.18	612	17.26	6.37	4.74	3.68	4.96	5.38	1.88	.14 AMP
379	57.51	72.76	612	311.15	152.22	353.41	389.31	268.91	159.25	63.82	25.18 PHASE
380	56.91	94.59	612	35.47	5.94	8.88	5.81	2.96	8.19	.88	8.99 AMP
381	56.88	117.31	612	338.87	163.82	211.36	336.58	234.19	213.88	69.88	174.32 PHASE
382	55.83	19.55	611	54.69	5.58	12.85	5.89	5.19	3.75	1.86	.18 AMP
383	55.42	29.54	612	346.65	182.76	284.74	339.78	176.38	234.13	336.66	257.83 PHASE
384	55.86	48.28	612	78.49	5.44	16.22	3.82	12.36	4.78	1.79	.33 AMP
385	54.43	67.58	612	357.18	216.85	214.12	355.62	189.37	27.19	1.35	285.62 PHASE
386	53.92	84.44	612	181.28	9.81	16.25	2.38	15.85	8.73	1.95	.38 AMP
387	53.79	184.69	613	355.18	238.38	284.46	324.67	167.59	38.17	327.36	198.61 PHASE
388	53.63	9.82	616	7.59	4.71	5.22	2.75	4.34	2.28	1.82	.18 AMP
389	53.93	18.34	613	292.86	136.55	274.88	326.56	278.78	197.97	83.46	53.18 PHASE
390	52.87	23.19	612	14.78	6.91	6.98	2.68	6.49	.79	1.35	.19 AMP
391	52.45	38.74	611	298.28	138.26	258.61	289.87	258.75	253.23	48.64	3.88 PHASE
392	53.31	33.98	614	27.46	8.51	5.94	5.28	6.89	6.93	2.37	.31 AMP
393	54.41	48.35	612	312.78	142.38	224.89	388.59	252.71	159.12	45.46	358.85 PHASE
394	55.68	59.58	612	44.22	8.81	9.94	6.25	3.86	7.39	1.28	.11 AMP
395	56.89	69.48	611	332.32	141.77	282.64	323.44	226.28	177.38	31.64	384.89 PHASE
396	56.28	92.74	612	63.95	5.56	14.77	5.69	4.88	2.39	2.58	.45 AMP
				341.26	142.88	195.49	317.73	158.88	123.44	389.97	273.44 PHASE
				85.78	2.48	17.65	5.41	8.87	2.94	4.88	.78 AMP
				349.13	173.16	218.38	328.78	163.72	19.19	317.51	338.88 PHASE
				1.59	.68	1.28	.55	1.19	1.11	.18	.89 AMP
				297.83	158.63	141.64	192.98	147.62	191.48	359.86	294.32 PHASE
				1.37	.61	2.58	.98	.86	.72	.22	.11 AMP
				297.88	174.84	234.95	275.89	183.57	225.59	68.69	265.11 PHASE
				1.85	.12	2.81	2.22	4.46	5.28	.42	.14 AMP
				385.78	182.43	269.88	43.78	279.93	138.94	382.87	262.15 PHASE
				2.15	2.18	7.79	2.98	7.84	3.86	1.87	.12 AMP
				322.84	41.92	178.88	85.38	189.32	159.18	51.41	133.85 PHASE
				3.99	2.69	3.32	4.85	3.26	5.98	.99	.23 AMP
				321.83	73.46	388.95	74.39	337.46	232.47	259.73	295.51 PHASE
				6.72	5.61	1.81	2.34	1.95	7.64	1.58	.84 AMP
				339.32	45.98	258.42	112.48	187.87	277.87	233.19	173.77 PHASE
				6.88	4.46	5.86	6.18	9.85	6.67	1.66	.56 AMP
				358.49	66.83	.74	27.45	227.76	112.72	258.45	91.86 PHASE
				15.65	3.76	.77	7.77	3.68	6.47	4.29	.63 AMP
				319.84	352.37	.77	7.18	196.58	288.12	183.67	18.16 PHASE
				22.95	.78	.84	14.87	7.83	3.89	1.88	.88 AMP
				354.96			338.98	185.58	154.22	196.78	175.24 PHASE

TABLE V.- Continued

(a) Continued

TORSION 28 PERCENT RADIUS												
RUN NO		36										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
376	-3.28	4.65	613	4.32 161.46	.76 18.78	.23 78.73	.13 267.67	.19 338.53	.88 268.37	.86 169.62	.85 225.43	AMP PHASE
377	-3.62	4.76	612	4.27 153.25	1.86 8.88	.11 122.31	.18 265.51	.24 335.81	.16 216.12	.87 139.82	.81 288.74	AMP PHASE
378	-4.86	4.92	612	4.13 144.54	1.35 17.91	.29 224.75	.24 239.93	.89 249.69	.16 226.76	.87 286.11	.16 161.63	AMP PHASE
379	-4.48	5.53	612	3.98 132.42	1.78 21.25	.55 225.67	.21 199.44	.26 225.95	.28 194.99	.88 273.16	.83 248.86	AMP PHASE
380	-5.88	6.32	612	4.81 115.15	2.43 29.72	1.81 236.38	.49 134.63	.56 281.46	.35 229.69	.18 348.23	.85 354.19	AMP PHASE
381	-5.55	7.58	612	4.86 98.81	2.92 21.84	1.51 236.78	.92 184.28	.54 174.88	.31 284.97	.26 327.24	.18 329.42	AMP PHASE
382	-2.54	4.93	611	4.28 165.86	.14 334.19	.94 93.16	.32 348.38	.13 336.45	.13 195.89	.83 89.87	.83 295.65	AMP PHASE
383	-3.81	4.64	612	4.23 155.53	.57 1.81	.56 78.13	.18 266.38	.15 288.52	.87 193.55	.86 318.84	.85 246.37	AMP PHASE
384	-3.46	4.74	612	4.17 147.63	.93 13.82	.24 122.66	.36 218.78	.12 298.43	.25 227.34	.81 168.46	.84 284.33	AMP PHASE
385	-3.93	5.18	612	3.94 137.32	1.44 25.65	.31 193.72	.54 287.56	.19 233.63	.18 228.59	.18 239.32	.87 264.46	AMP PHASE
386	-4.43	5.92	612	3.75 128.44	2.11 29.46	.63 197.86	.82 191.79	.44 238.11	.18 213.86	.15 266.68	.85 233.82	AMP PHASE
387	-4.99	6.66	613	4.81 98.58	3.12 38.23	1.22 285.35	1.85 281.76	.64 261.32	.25 324.38	.13 11.75	.14 168.98	AMP PHASE
388	-2.88	.95	616	.22 324.45	.13 248.77	.13 57.57	.82 183.14	.17 149.41	.85 197.37	.85 385.64	.82 312.34	AMP PHASE
389	-2.43	1.23	613	.16 159.88	.89 299.88	.89 34.92	.17 273.56	.21 262.96	.84 148.35	.83 86.14	.86 188.22	AMP PHASE
390	-2.84	2.32	612	.34 127.45	.26 318.51	.18 95.54	.38 15.91	.45 232.88	.13 169.56	.83 319.35	.86 211.21	AMP PHASE
391	-3.65	2.72	611	.45 148.29	.36 264.11	.27 281.19	.29 358.93	.88 58.86	.88 133.59	.88 76.49	.83 188.81	AMP PHASE
392	-4.44	3.53	614	.22 158.75	.32 297.86	.16 15.44	.78 33.94	.48 334.86	.13 167.34	.81 41.88	.82 98.84	AMP PHASE
393	-5.84	3.77	612	.28 125.84	.58 312.31	.16 272.89	.45 49.98	.26 292.89	.35 189.82	.11 189.85	.89 262.31	AMP PHASE
394	-5.68	4.92	612	.49 178.89	.19 287.34	.58 351.31	.75 358.41	.75 218.97	.19 6.69	.86 388.79	.83 386.69	AMP PHASE
395	-6.48	4.74	611	.31 152.96	.64 326.33	.69 274.82	.24 38.92	.18 288.57	.26 162.19	.11 118.17	.15 261.23	AMP PHASE
396	-6.66	7.82	612	.41 71.89	.45 276.71	.27 248.43	1.13 325.15	1.48 285.81	.38 58.56	.28 157.19	.83 183.71	AMP PHASE

TABLE V.- Continued

(a) Continued

FLAPWISE 37 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
376	32.82	13.46	613	9.33	5.23	3.44	1.28	.98	.17	.86	.89 AMP
377	34.38	13.25	612	142.58	329.38	58.58	325.65	35.56	298.29	224.97	132.93 PHASE
378	37.11	13.16	612	9.93	5.38	3.88	1.26	.62	.25	.86	.15 AMP
379	39.63	14.54	612	143.58	335.28	39.98	318.58	18.63	298.82	151.62	181.75 PHASE
380	42.38	17.83	612	18.35	5.24	2.78	1.22	1.31	.32	.89	.28 AMP
381	44.97	18.53	612	147.46	342.85	21.32	383.64	331.27	276.16	154.66	182.32 PHASE
382	29.83	18.44	611	18.58	5.24	2.55	1.85	2.82	.32	.87	.33 AMP
383	32.21	16.26	612	146.96	347.71	351.27	273.39	321.33	251.18	196.57	64.83 PHASE
384	34.82	15.37	612	18.86	5.38	2.58	1.29	2.55	.52	.82	.41 AMP
385	37.42	15.52	612	148.88	359.16	324.86	247.87	321.17	242.88	95.58	48.28 PHASE
386	48.82	16.62	612	11.86	6.83	2.57	1.72	2.84	.61	.15	.52 AMP
387	42.68	18.78	613	141.59	356.98	293.68	216.46	298.33	211.98	64.53	18.52 PHASE
388	33.31	4.11	616	18.33	7.83	4.81	2.86	.46	.37	.14	.18 AMP
389	34.14	6.61	613	146.65	316.31	62.39	334.29	95.43	338.43	299.44	162.88 PHASE
390	35.78	18.18	612	18.46	6.27	3.82	1.74	.59	.44	.18	.28 AMP
391	36.99	14.84	611	143.94	318.64	44.41	311.62	34.71	383.77	383.88	112.42 PHASE
392	39.17	13.23	614	18.89	5.89	3.42	1.82	.75	.63	.83	.38 AMP
393	39.99	14.58	612	145.56	325.78	28.16	382.73	337.61	294.66	68.24	87.96 PHASE
394	42.25	21.38	612	11.21	5.21	3.14	1.93	1.88	.73	.18	.57 AMP
395	45.85	22.21	611	145.82	338.88	6.15	285.49	317.86	281.28	138.32	73.31 PHASE
396	47.11	28.82	612	11.25	4.82	3.86	2.85	2.72	.87	.88	.71 AMP
				142.98	334.56	337.76	255.56	318.21	254.22	178.41	39.86 PHASE
				111.16	4.98	2.93	2.15	2.75	.94	.81	.84 AMP
				142.48	358.43	338.34	237.38	323.81	247.75	298.41	34.69 PHASE
				.92	1.88	.85	.52	.25	.19	.82	.88 AMP
				238.48	272.73	382.36	278.69	271.14	385.24	299.63	185.76 PHASE
				.48	.88	2.51	.93	.69	.84	.85	.11 AMP
				198.98	388.28	7.27	385.27	23.17	173.33	115.91	18.38 PHASE
				.43	.56	1.33	1.37	1.67	.48	.83	.21 AMP
				165.17	286.16	43.61	51.43	334.91	297.68	356.88	33.58 PHASE
				1.38	1.73	3.18	.97	1.33	.28	.87	.14 AMP
				228.36	186.13	313.83	82.84	145.28	269.45	31.88	213.85 PHASE
				.66	1.86	2.56	1.62	1.88	.88	.12	.15 AMP
				288.25	222.69	73.21	81.88	79.82	33.71	319.63	248.11 PHASE
				.91	2.99	1.38	.56	1.21	1.83	.12	.27 AMP
				198.78	183.85	25.45	168.94	18.98	324.72	288.46	54.51 PHASE
				.59	1.52	7.11	1.98	2.36	.18	.18	.21 AMP
				325.54	211.26	188.32	58.84	299.89	123.38	252.86	165.71 PHASE
				.66	2.96	3.73	2.88	2.85	.55	.35	.51 AMP
				238.47	133.75	344.39	113.97	26.47	269.32	282.85	96.49 PHASE
				.49	3.26	3.82	.25	4.93	.67	.56	.28 AMP
				5.56	146.75	43.88	39.61	323.47	58.24	238.36	53.47 PHASE

CHORDWISE 37 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
376	37.22	18.74	613	5.85	2.56	3.84	3.85	3.95	4.98	1.67	.59 AMP
377	37.56	29.19	612	289.39	139.84	287.85	348.38	273.79	173.85	68.28	89.85 PHASE
378	37.34	49.74	612	13.88	5.22	3.87	4.25	5.39	7.86	2.79	.56 AMP
379	36.65	57.98	612	388.79	151.71	271.69	322.86	259.26	155.66	67.84	74.66 PHASE
380	35.83	71.49	612	26.11	5.96	5.68	6.89	3.78	12.87	1.66	1.27 AMP
381	33.39	89.33	612	334.95	162.81	228.15	339.45	248.93	211.32	188.54	89.89 PHASE
382	37.12	18.79	611	39.13	5.89	9.86	6.67	4.21	5.92	.87	.98 AMP
383	36.78	26.82	612	343.31	177.28	218.58	338.61	191.65	238.85	388.46	68.71 PHASE
384	36.87	36.79	612	55.58	4.97	13.33	5.81	11.31	6.49	3.28	1.34 AMP
385	35.87	57.47	612	354.28	281.99	225.91	346.84	197.34	22.34	9.41	346.52 PHASE
386	33.78	67.78	612	71.98	7.64	13.62	4.58	13.96	12.58	3.81	2.28 AMP
387	32.17	82.32	613	353.41	223.14	216.85	313.89	174.43	36.31	346.47	316.17 PHASE
388	35.52	9.43	616	7.88	4.81	3.92	3.46	6.15	2.67	1.54	.59 AMP
389	34.71	11.99	613	288.42	132.19	289.67	334.86	263.99	285.52	85.22	118.36 PHASE
390	32.96	32.28	612	12.89	5.87	5.85	3.38	7.22	1.82	2.27	.84 AMP
391	31.62	35.86	611	289.72	135.91	278.33	388.68	249.33	275.97	41.91	114.57 PHASE
392	31.51	38.83	614	21.68	7.39	4.68	6.51	6.88	9.25	4.45	.87 AMP
393	31.67	45.94	612	389.68	141.35	246.32	317.88	263.98	155.65	47.58	69.44 PHASE
394	31.72	65.16	612	32.78	7.41	7.25	8.18	3.66	18.51	2.42	2.85 AMP
395	31.18	68.88	611	328.87	141.27	221.91	326.13	258.82	174.87	65.12	63.81 PHASE
396	38.75	98.78	612	46.28	6.12	11.52	8.28	1.65	3.17	2.99	1.68 AMP
				337.52	139.39	218.88	317.69	163.27	118.88	298.58	39.74 PHASE
				61.45	4.18	14.98	7.88	6.59	4.86	8.12	2.38 AMP
				346.85	153.18	223.77	325.28	165.59	16.31	318.78	22.82 PHASE
				1.88	.57	.83	.59	1.21	1.51	.32	.29 AMP
				295.67	155.57	145.38	222.12	168.34	194.93	26.86	112.48 PHASE
				1.93	.54	1.82	1.26	.88	1.86	.48	.23 AMP
				295.94	174.19	281.57	288.47	164.95	227.46	189.58	344.88 PHASE
				1.31	1.17	2.98	5.47	7.26	7.43	.43	.47 AMP
				388.56	122.84	288.82	47.15	289.68	136.85	337.88	349.38 PHASE
				1.26	1.98	2.28	3.98	8.88	5.18	.98	.48 AMP
				334.21	45.84	288.16	82.91	112.23	158.98	31.89	194.71 PHASE
				2.28	2.48	2.66	5.22	3.13	8.46	1.26	.64 AMP
				329.77	84.58	325.41	78.61	354.89	231.53	263.58	254.48 PHASE
				4.75	5.44	1.71	3.18	2.82	18.55	2.47	.78 AMP
				346.44	55.98	289.95	122.38	157.57	277.93	255.86	35.51 PHASE
				4.24	3.58	18.41	7.93	12.14	18.87	1.81	1.87 AMP
				353.69	82.24	338.88	48.81	238.49	112.48	242.48	139.69 PHASE
				9.93	8.33	7.31	18.48	3.16	9.58	7.72	2.12 AMP
				323.34	2.38	236.29	87.16	163.52	281.84	193.12	68.15 PHASE
				14.74	11.82	9.27	9.85	12.33	11.13	6.43	1.38 AMP
				353.81	16.86	271.72	359.45	194.34	148.84	286.86	151.89 PHASE

TABLE V.- Continued

(a) Continued

TORSION 36 PERCENT RADIUS											
RUN NO 38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
376	-4.13	4.16	613	3.86	.68	.18	.89	.16	.84	.85	.82 AMP
				153.27	26.13	41.16	185.81	276.11	178.87	78.52	83.74 PHASE
377	-4.61	4.13	612	3.82	.86	.18	.18	.17	.11	.85	.83 AMP
				144.83	5.14	135.57	287.88	282.89	142.78	67.48	26.67 PHASE
378	-5.87	4.42	612	3.77	1.89	.29	.18	.11	.88	.85	.83 AMP
				134.33	8.69	191.12	187.49	168.98	158.31	138.36	5.39 PHASE
379	-5.52	4.95	612	3.78	1.45	.47	.18	.27	.89	.86	.83 AMP
				122.94	9.11	188.99	154.81	161.89	114.14	283.39	299.91 PHASE
380	-6.81	5.79	612	3.81	2.83	.75	.46	.51	.17	.13	.86 AMP
				118.88	14.56	198.37	182.77	151.94	188.95	278.68	336.94 PHASE
381	-6.58	6.43	612	4.43	2.53	1.11	.75	.49	.21	.21	.12 AMP
				88.86	8.81	199.69	67.33	115.74	175.78	262.82	293.24 PHASE
382	-3.47	4.16	611	3.76	.22	.71	.21	.16	.15	.87	.84 AMP
				167.38	97.82	75.83	338.31	281.26	133.18	45.67	357.73 PHASE
383	-3.99	3.98	612	3.75	.45	.48	.11	.14	.18	.84	.82 AMP
				147.59	23.88	49.82	189.64	238.99	184.47	336.88	333.86 PHASE
384	-4.46	4.28	612	3.75	.75	.23	.38	.89	.16	.84	.84 AMP
				138.43	13.84	119.98	166.38	222.44	155.23	35.22	338.25 PHASE
385	-4.97	4.69	612	3.66	1.19	.35	.45	.28	.86	.85	.82 AMP
				127.88	15.95	163.24	159.78	164.29	146.54	172.89	279.36 PHASE
386	-5.45	5.38	612	3.59	1.73	.57	.69	.48	.84	.88	.81 AMP
				112.60	16.23	168.65	148.83	174.73	53.96	231.86	332.42 PHASE
387	-6.88	5.97	613	3.83	2.61	1.86	.88	.54	.29	.12	.89 AMP
				95.82	23.65	166.73	163.85	221.24	327.82	341.23	93.52 PHASE
388	-3.13	.93	616	.32	.89	.16	.84	.14	.85	.83	.83 AMP
				328.98	232.89	43.61	55.42	188.48	134.75	258.13	388.25 PHASE
389	-3.53	.98	613	.83	.87	.86	.11	.28	.81	.82	.83 AMP
				288.92	291.48	112.31	238.41	218.68	185.35	182.39	133.93 PHASE
390	-3.94	1.84	612	.18	.26	.13	.22	.41	.14	.82	.82 AMP
				98.17	388.89	98.44	336.18	182.17	112.68	21.88	139.42 PHASE
391	-4.75	1.95	611	.26	.35	.15	.28	.23	.88	.83	.82 AMP
				115.27	266.21	233.48	318.57	1.61	78.73	62.59	94.84 PHASE
392	-5.61	2.24	614	.87	.34	.14	.58	.45	.11	.83	.82 AMP
				78.52	297.53	388.87	358.68	284.22	123.23	26.88	142.83 PHASE
393	-6.28	2.65	612	.17	.62	.19	.44	.24	.39	.85	.83 AMP
				75.35	385.84	236.98	15.65	239.81	133.57	127.47	285.76 PHASE
394	-7.88	4.87	612	.36	.22	.64	.65	.66	.16	.85	.81 AMP
				175.58	289.62	388.31	312.84	161.91	322.44	385.12	173.84 PHASE
395	-7.82	3.67	611	.22	.73	.62	.71	.28	.24	.88	.87 AMP
				133.18	387.29	244.18	349.84	211.14	183.33	22.72	281.23 PHASE
396	-8.89	5.44	612	.37	.58	.32	.97	1.29	.22	.18	.82 AMP
				68.22	271.88	221.89	287.46	159.76	18.85	75.23	168.29 PHASE



TABLE V.- Continued

(a) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO 38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
376	17.56	10.76	613	12.98	7.38	3.79	.86	.54	.34	.18	.68 AMP
377	19.97	19.18	612	138.66	319.32	36.93	318.46	237.46	132.74	318.43	125.53 PHASE
378	22.86	18.38	612	13.63	5.28	3.69	.84	.45	.38	.22	.73 AMP
379	25.71	28.87	612	141.83	323.63	24.74	384.84	236.88	113.38	232.88	189.92 PHASE
380	28.81	21.98	612	14.11	7.81	3.87	.86	.29	.32	.44	.82 AMP
381	31.98	23.53	612	146.88	328.48	11.87	294.18	247.85	181.12	181.36	91.44 PHASE
382	14.73	23.97	611	14.59	6.77	4.85	.84	.18	.41	.83	1.11 AMP
383	17.22	22.13	612	147.76	331.78	351.26	282.31	381.18	45.79	186.64	56.71 PHASE
384	28.82	21.84	612	15.41	6.78	3.87	1.15	.32	.88	1.38	1.54 AMP
385	22.89	28.51	612	151.27	342.45	348.78	284.73	27.21	37.54	194.62	64.88 PHASE
386	25.85	21.77	612	16.19	7.18	3.28	1.35	.36	.95	1.52	1.67 AMP
387	28.97	23.38	613	147.49	348.83	316.34	263.95	3.84	6.36	172.55	26.18 PHASE
388	28.79	4.78	616	14.57	9.77	5.36	1.24	.65	.18	.26	.64 AMP
389	21.44	6.37	613	138.19	318.97	49.64	326.88	278.46	158.25	96.73	158.81 PHASE
390	23.85	9.95	612	14.59	8.96	4.47	1.21	.45	.32	.33	.97 AMP
391	24.67	14.21	611	138.87	311.28	29.61	312.93	263.27	92.96	183.19	121.66 PHASE
392	27.32	14.69	614	14.88	8.25	4.41	1.25	.28	.74	.46	1.39 AMP
393	28.17	14.42	612	141.54	315.94	16.37	311.98	249.13	84.37	146.38	112.97 PHASE
394	31.21	25.89	612	15.28	7.54	4.69	1.27	.14	.89	.81	1.88 AMP
395	34.19	28.92	611	143.79	317.87	1.47	382.93	287.48	68.19	143.83	97.34 PHASE
396	37.19	26.26	612	15.88	6.77	4.89	1.26	.28	1.39	1.18	2.25 AMP
				143.59	317.25	343.38	285.29	354.64	49.66	127.65	77.68 PHASE
				16.38	6.37	4.76	1.27	.52	.98	1.64	2.54 AMP
				145.44	329.83	342.96	275.82	4.78	46.85	148.77	78.67 PHASE
				1.41	1.48	1.83	.35	.82	.25	.28	.34 AMP
				239.26	276.67	297.49	298.38	325.81	111.63	114.99	123.49 PHASE
				.41	1.53	2.68	.44	.19	.15	.72	.47 AMP
				218.69	384.73	4.87	329.86	171.69	326.88	213.19	31.12 PHASE
				.53	.43	1.43	.82	.38	.78	.94	.78 AMP
				179.85	198.66	48.66	74.81	86.69	112.66	117.42	38.75 PHASE
				1.48	2.17	.71	.83	.47	1.26	.53	.53 AMP
				231.87	173.22	314.72	188.85	231.61	75.13	249.88	235.68 PHASE
				.82	1.85	2.69	.73	.43	.19	.39	.75 AMP
				224.45	222.71	76.39	136.61	218.76	269.12	88.41	246.25 PHASE
				196.28	175.88	28.71	184.32	166.78	125.47	26.34	52.89 PHASE
				2.85	4.27	1.97	.74	.68	1.45	1.57	1.88 AMP
				.91	1.96	8.64	1.42	.79	.34	1.86	.69 AMP
				336.93	216.37	186.53	184.89	62.32	193.71	32.24	183.13 PHASE
				.65	5.28	1.82	1.88	.58	.83	1.54	1.55 AMP
				211.68	125.84	357.87	139.56	151.47	69.85	319.82	182.45 PHASE
				.71	4.53	4.24	1.56	1.27	.92	1.75	.53 AMP
				39.33	136.13	47.52	97.49	62.88	213.31	353.58	41.58 PHASE

CHORDWISE 51 PERCENT RADIUS											
RUN NO 38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
376	43.53	22.91	613	5.77	2.11	2.69	3.59	4.38	5.77	2.84	1.14 AMP
377	43.18	38.53	612	298.38	143.34	388.31	344.22	273.65	174.98	63.68	97.82 PHASE
378	42.25	48.85	612	12.14	4.53	3.56	4.84	5.88	8.29	3.48	1.18 AMP
379	41.48	52.83	612	387.52	152.92	292.13	338.85	259.15	156.77	73.23	83.88 PHASE
380	39.63	63.88	612	21.61	5.52	4.61	7.81	4.86	14.64	2.31	2.31 AMP
381	37.28	79.75	612	332.39	161.88	247.75	343.19	254.46	212.74	114.28	93.37 PHASE
382	44.19	21.27	611	31.79	5.81	7.89	7.93	3.78	7.24	.83	1.91 AMP
383	43.85	25.41	612	341.28	178.73	233.61	339.65	197.92	238.58	274.83	73.53 PHASE
384	42.24	39.14	612	44.73	4.81	12.53	7.35	18.53	7.88	3.76	2.33 AMP
385	41.35	53.81	612	352.34	186.76	237.87	342.27	288.98	24.88	18.79	.64 PHASE
386	39.95	64.57	612	57.89	6.13	13.39	6.47	13.14	15.29	4.49	4.87 AMP
387	38.16	79.93	613	352.83	287.47	227.84	318.46	177.15	38.28	358.25	327.79 PHASE
388	42.25	11.22	616	7.59	3.24	3.26	4.88	5.82	2.91	1.94	1.86 AMP
389	41.28	13.61	613	286.87	129.98	388.11	338.88	263.63	218.93	95.13	125.88 PHASE
390	39.19	38.65	612	11.62	5.88	4.98	4.11	7.88	2.37	2.86	1.68 AMP
391	37.31	39.26	611	288.98	136.78	283.86	319.15	258.45	282.77	49.76	122.52 PHASE
392	36.68	44.53	614	18.58	6.83	4.28	7.69	7.22	18.98	5.78	1.69 AMP
393	35.55	56.36	612	387.71	141.68	266.56	324.28	255.46	156.43	54.12	85.89 PHASE
394	34.33	71.88	612	27.23	7.42	6.47	9.86	3.65	12.95	3.34	3.77 AMP
395	32.52	86.86	611	325.35	148.78	248.67	329.31	259.97	174.96	83.29	72.89 PHASE
396	31.41	182.81	612	37.74	6.88	18.57	18.41	.63	4.23	2.97	3.34 AMP
				334.93	136.67	225.78	319.15	111.89	116.87	292.79	51.68 PHASE
				49.52	5.45	14.29	18.81	5.39	6.27	9.95	3.99 AMP
				343.84	142.84	235.77	324.55	151.51	21.88	312.86	36.22 PHASE
				.49	.47	.63	.64	1.28	1.68	.44	.56 AMP
				283.87	162.49	159.31	236.67	152.64	195.84	48.63	114.74 PHASE
				.33	.47	1.47	1.33	.94	1.23	.52	.44 AMP
				292.22	176.32	276.29	297.48	145.52	232.42	138.85	18.59 PHASE
				.62	.24	1.55	3.55	5.96	8.91	.47	.82 AMP
				387.67	132.27	293.78	52.62	296.27	137.36	15.85	2.95 PHASE
				.88	2.82	2.88	1.78	9.65	6.11	7.8	8.85 AMP
				22.82	52.27	238.28	85.48	116.21	168.33	2.24	285.58 PHASE
				1.16	2.42	2.64	6.85	3.84	18.32	1.22	.98 AMP
				356.27	96.66	351.35	84.52	1.59	234.93	267.93	253.88 PHASE
				3.71	5.89	2.81	3.86	2.63	11.91	2.96	1.38 AMP
				357.59	64.96	311.77	131.23	145.16	279.87	271.68	35.55 PHASE
				3.44	3.45	9.34	9.45	13.85	12.34	3.66	1.78 AMP
				352.79	188.21	8.57	49.63	245.52	115.34	246.46	157.37 PHASE
				6.82	8.13	7.68	12.27	4.84	11.29	9.68	3.38 AMP
				332.59	11.13	264.97	96.33	151.85	289.45	281.77	88.71 PHASE
				18.42	18.51	8.87	18.43	18.78	14.31	8.24	1.63 AMP
				352.87	28.29	294.36	13.65	196.58	152.28	213.52	147.28 PHASE

TABLE V.- Continued

(a) Continued

TORSION 5% PERCENT RADIUS											
RUN NO 38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
376	-7.40	3.38	613	3.26	.50	.89	.87	.15	.82	.82	.84 AMP
				154.54	29.79	47.48	185.92	296.72	186.72	73.86	132.22 PHASE
377	-7.67	3.47	612	3.24	.61	.86	.87	.16	.89	.83	.84 AMP
				146.83	11.76	86.36	194.50	309.41	169.94	61.13	87.12 PHASE
378	-7.95	3.61	612	3.29	.76	.12	.15	.88	.83	.85	.84 AMP
				137.26	12.82	202.26	198.92	223.97	152.28	159.51	48.79 PHASE
379	-8.21	3.96	612	3.38	.97	.23	.17	.21	.87	.88	.86 AMP
				127.48	12.68	200.95	167.41	199.83	180.87	210.54	13.87 PHASE
380	-8.58	4.52	612	3.42	1.38	.41	.36	.38	.18	.18	.11 AMP
				117.74	18.83	203.57	132.16	177.98	203.68	274.48	33.53 PHASE
381	-8.65	5.16	612	3.77	1.82	.64	.52	.39	.14	.13	.15 AMP
				102.75	12.61	201.79	89.92	138.93	233.48	268.52	347.67 PHASE
382	-7.82	3.32	611	3.28	.86	.52	.14	.19	.13	.07	.86 AMP
				158.14	86.86	98.55	21.53	306.71	166.16	72.97	74.45 PHASE
383	-7.32	3.19	612	3.19	.38	.33	.86	.15	.11	.84	.85 AMP
				149.43	17.64	62.11	193.57	268.72	127.81	5.47	78.76 PHASE
384	-7.61	3.55	612	3.22	.48	.17	.22	.11	.13	.85	.86 AMP
				141.36	13.67	184.59	181.84	258.11	174.35	67.25	71.28 PHASE
385	-7.91	3.74	612	3.22	.76	.19	.36	.18	.85	.85	.88 AMP
				131.92	18.12	154.69	179.56	200.15	118.81	144.26	58.24 PHASE
386	-8.18	4.35	612	3.26	1.11	.34	.55	.36	.89	.82	.11 AMP
				119.51	18.22	161.66	178.18	200.18	52.19	235.33	51.88 PHASE
387	-8.48	4.98	613	3.58	1.65	.65	.65	.41	.27	.89	.14 AMP
				107.98	26.25	172.91	183.85	244.24	18.83	59.83	84.51 PHASE
388	-6.42	.76	616	.25	.18	.12	.83	.11	.86	.82	.81 AMP
				318.51	242.58	62.89	98.28	141.89	157.86	297.61	85.92 PHASE
389	-6.73	.84	613	.83	.18	.85	.89	.17	.88	.83	.89 AMP
				168.28	300.88	139.59	266.19	243.97	.34	192.12	39.11 PHASE
390	-7.81	1.54	612	.15	.22	.87	.17	.34	.13	.85	.82 AMP
				102.99	309.31	184.83	353.37	205.88	146.75	94.69	19.29 PHASE
391	-7.61	1.61	611	.18	.26	.11	.22	.19	.88	.84	.82 AMP
				114.48	282.23	263.48	331.69	28.42	187.88	212.18	182.13 PHASE
392	-8.24	1.74	614	.87	.28	.89	.42	.35	.89	.84	.83 AMP
				77.52	306.43	351.81	18.32	306.84	152.53	83.18	221.93 PHASE
393	-8.71	2.25	612	.13	.39	.12	.38	.19	.37	.85	.85 AMP
				93.71	316.89	257.62	33.31	267.11	156.84	64.37	21.87 PHASE
394	-9.24	3.82	612	.24	.16	.42	.45	.45	.12	.88	.81 AMP
				175.38	293.57	333.68	329.97	181.38	332.57	.29	91.77 PHASE
395	-9.82	3.21	611	.18	.48	.46	.51	.16	.26	.13	.83 AMP
				138.32	316.68	266.13	9.73	241.52	122.89	12.91	164.84 PHASE
396	-9.96	4.24	612	.37	.41	.19	.68	.97	.16	.12	.82 AMP
				85.96	281.66	237.66	307.34	183.48	32.96	44.18	7.68 PHASE

TABLE V.- Continued

(a) Continued

FLAPWISE 77 PERCENT RADIUS											
RUN NO 38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
376	-2.88	28.75	613	13.73	7.65	2.46	1.55	1.32	.16	.33	.78 AMP
				136.10	316.13	346.05	114.52	223.88	158.21	134.84	388.92 PHASE
377	-1.41	21.67	612	14.42	7.59	3.03	1.75	1.10	.17	.19	.83 AMP
				139.03	314.89	348.10	103.83	201.10	135.76	85.58	288.49 PHASE
378	2.69	22.15	612	14.89	7.35	3.92	1.98	2.10	.22	.48	.93 AMP
				142.35	307.61	352.45	88.38	147.23	169.92	.71	263.48 PHASE
379	5.82	23.56	612	15.32	7.02	4.69	2.31	3.53	.17	.83	1.38 AMP
				143.14	308.60	350.11	52.51	136.36	168.23	.57	232.97 PHASE
380	9.23	26.68	612	16.30	6.78	5.12	3.16	4.83	.28	1.25	1.68 AMP
				146.38	308.02	354.81	34.43	137.43	190.13	350.16	233.54 PHASE
381	12.67	28.74	612	17.30	6.88	5.11	3.96	5.49	.35	1.52	1.74 AMP
				143.96	293.71	345.80	9.64	114.39	161.03	328.29	193.93 PHASE
382	-5.59	24.33	611	15.34	9.91	3.17	2.02	.98	.66	.26	.87 AMP
				136.15	313.92	350.70	133.82	288.88	189.68	227.15	323.96 PHASE
383	-3.18	24.23	612	15.24	9.31	3.46	2.07	.91	.49	.26	1.14 AMP
				135.94	307.95	342.73	96.95	202.25	182.48	276.25	298.52 PHASE
384	-1.31	25.43	612	15.66	8.82	4.25	2.69	1.71	.62	.51	1.63 AMP
				139.31	304.94	343.72	79.94	151.35	187.04	314.69	290.62 PHASE
385	2.73	27.38	612	15.97	8.48	5.08	3.51	3.55	.88	1.11	2.28 AMP
				140.59	297.68	345.04	62.59	131.71	179.15	309.76	275.69 PHASE
386	5.98	29.23	612	16.64	8.08	5.58	4.65	5.22	1.05	1.62	2.75 AMP
				140.44	289.84	343.25	43.67	123.57	166.35	287.19	255.53 PHASE
387	9.26	29.97	613	17.21	7.75	6.04	5.55	5.27	1.67	3.06	3.86 AMP
				143.17	293.07	351.83	38.17	135.72	180.89	295.86	261.18 PHASE
388	.79	6.93	616	2.14	2.94	1.12	1.12	.65	.18	.35	.41 AMP
				123.37	279.97	304.27	85.46	92.03	164.89	299.92	302.13 PHASE
389	4.58	8.56	613	.77	2.14	1.28	1.68	1.07	.11	.88	.72 AMP
				250.32	308.04	21.05	113.64	199.64	185.62	31.29	209.76 PHASE
390	7.47	15.66	612	.13	.56	.73	1.36	2.54	.68	1.04	1.11 AMP
				188.83	178.18	115.98	287.43	152.92	110.93	304.94	218.35 PHASE
391	12.81	18.79	611	2.63	3.64	.81	.46	.27	.73	.73	.73 AMP
				268.15	181.93	293.24	199.64	328.46	111.41	64.65	56.61 PHASE
392	17.31	19.74	614	2.07	2.02	.64	2.12	2.69	.32	.38	1.28 AMP
				251.50	226.58	171.87	232.63	258.37	234.70	214.58	68.66 PHASE
393	21.97	20.85	612	2.21	5.88	.31	.61	1.63	.43	1.95	1.34 AMP
				207.85	198.14	89.08	145.91	165.62	195.45	198.32	236.11 PHASE
394	27.04	26.94	612	.94	3.42	3.09	2.68	3.56	.35	1.22	.89 AMP
				61.64	272.89	124.41	219.64	112.72	78.19	189.97	358.64 PHASE
395	32.37	28.63	611	3.26	6.81	4.05	3.57	3.32	.51	1.38	2.15 AMP
				213.56	124.19	57.42	298.37	284.79	295.79	136.85	278.17 PHASE
396	35.49	32.86	612	2.25	6.59	2.05	2.88	6.93	.23	1.87	.71 AMP
				344.64	117.55	64.59	177.38	133.11	247.16	159.75	236.24 PHASE

CHORDWISE 77 PERCENT RADIUS											
RUN NO 38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
376	59.68	17.15	613	7.52	4.89	2.68	.97	2.39	2.27	.87	.35 AMP
				143.53	313.22	342.91	28.85	248.72	166.11	77.15	38.89 PHASE
377	68.87	17.03	612	6.26	4.04	3.81	1.28	2.57	3.32	1.49	.32 AMP
				150.18	318.44	335.26	2.34	236.78	146.86	74.51	355.08 PHASE
378	1.48	16.44	612	3.72	3.33	2.73	2.72	1.75	5.89	.91	.89 AMP
				148.17	302.36	323.68	.82	191.04	201.85	110.68	94.53 PHASE
379	66.26	14.58	612	1.43	2.97	3.12	3.74	3.84	2.82	.44	.28 AMP
				127.45	308.44	297.42	351.43	148.18	213.46	291.88	182.22 PHASE
380	68.99	16.68	612	1.96	2.64	4.08	4.36	5.19	3.89	1.98	1.31 AMP
				26.35	310.97	278.33	348.64	162.07	29.39	9.94	285.75 PHASE
381	71.38	22.75	612	4.39	3.14	4.27	4.47	6.17	6.51	2.39	1.72 AMP
				3.48	304.79	257.91	323.85	139.87	38.07	347.72	275.68 PHASE
382	59.78	19.86	611	8.57	6.34	3.14	.56	2.76	1.47	.73	.21 AMP
				144.05	312.31	348.06	41.39	262.32	200.63	111.33	36.41 PHASE
383	59.89	18.97	612	7.68	5.12	3.28	1.01	3.37	.85	.96	.85 AMP
				143.72	304.15	327.83	15.94	236.38	256.10	45.98	381.56 PHASE
384	61.59	18.92	612	5.69	4.05	3.33	2.62	2.37	4.88	2.06	.67 AMP
				158.24	301.08	325.89	358.97	228.54	147.72	47.14	325.48 PHASE
385	64.26	18.39	612	3.14	2.97	3.34	4.28	1.64	5.97	.85	.83 AMP
				162.49	294.74	308.22	348.83	145.97	162.11	84.16	345.07 PHASE
386	66.87	21.28	612	.57	2.28	3.73	5.21	3.43	1.79	1.21	.12 AMP
				146.98	294.16	278.83	338.68	102.02	189.08	264.27	279.24 PHASE
387	69.45	22.44	613	2.33	1.71	4.78	6.02	4.78	2.69	4.68	2.88 AMP
				355.91	320.95	269.98	348.51	123.88	51.12	294.67	293.39 PHASE
388	62.43	8.05	616	1.38	1.97	.67	.55	.83	.79	.28	1.08 AMP
				131.39	276.57	295.69	94.12	117.58	183.03	348.76	23.23 PHASE
389	63.58	8.52	613	.64	1.36	1.11	.63	1.01	.46	.49	.33 AMP
				250.45	305.16	353.38	107.47	179.93	214.10	59.42	226.84 PHASE
390	63.67	14.95	612	.25	.44	.17	.71	1.32	4.18	.78	.66 AMP
				216.86	156.12	30.82	85.38	233.65	127.38	328.28	239.41 PHASE
391	64.85	16.88	611	1.44	1.91	1.78	2.04	2.66	2.74	.34	.34 AMP
				257.24	160.57	273.89	91.65	88.51	145.66	37.68	180.07 PHASE
392	66.98	21.85	614	2.77	1.19	.94	1.58	2.07	4.46	.54	.49 AMP
				244.14	175.66	34.45	119.42	202.72	229.67	229.73	48.84 PHASE
393	68.27	25.39	612	.91	3.10	1.79	2.06	2.45	4.19	1.64	.53 AMP
				243.61	147.21	348.78	133.11	149.10	264.84	224.47	277.74 PHASE
394	70.47	27.94	611	1.45	1.17	5.81	2.66	3.23	4.81	1.98	.13 AMP
				154.55	212.24	63.79	71.06	208.95	106.74	221.95	185.52 PHASE
395	71.97	43.10	611	1.05	4.82	1.46	2.81	3.96	4.39	3.91	.43 AMP
				272.35	82.19	332.57	101.78	175.08	285.38	186.33	327.03 PHASE
396	71.48	46.15	611	1.07	4.92	2.45	2.64	7.49	5.99	4.11	.76 AMP
				341.42	11.37	347.47	42.37	147.06	151.88	195.18	173.25 PHASE

TABLE V.- Continued

(a) Concluded

TORSION 75 PERCENT RADIUS											
RUN NO 38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
376	-4.95	2.25	613	1.93	.31	.07	.05	.11	.04	.05	.03 AMP
				150.86	69.34	218.48	117.21	289.37	133.82	27.88	115.22 PHASE
377	-5.10	2.25	612	1.89	.24	.08	.04	.12	.08	.06	.02 AMP
				139.34	52.51	203.92	145.36	291.88	139.22	14.92	72.53 PHASE
378	-5.24	2.42	612	1.94	.25	.16	.14	.10	.02	.08	.02 AMP
				126.32	38.53	188.34	172.93	285.23	115.30	107.36	27.55 PHASE
379	-5.36	2.48	612	2.03	.33	.21	.23	.10	.05	.06	.05 AMP
				113.59	21.85	177.05	169.29	237.12	50.94	145.18	26.27 PHASE
380	-5.49	2.94	612	2.28	.53	.27	.32	.14	.04	.08	.10 AMP
				102.76	19.63	167.48	153.56	190.17	142.08	221.02	36.45 PHASE
381	-5.46	3.52	612	2.60	.78	.32	.37	.11	.06	.13	.11 AMP
				89.51	11.15	150.75	118.29	132.16	188.51	218.36	358.24 PHASE
382	-4.76	2.14	611	1.85	.26	.21	.20	.15	.06	.05	.06 AMP
				155.88	125.54	139.03	55.68	302.38	145.02	59.41	112.05 PHASE
383	-4.93	2.14	612	1.83	.23	.09	.06	.14	.08	.04	.05 AMP
				144.58	94.41	124.13	93.07	270.19	105.75	49.44	72.91 PHASE
384	-5.09	2.42	612	1.87	.20	.16	.14	.18	.12	.11	.06 AMP
				132.63	76.18	144.08	161.40	268.65	129.36	59.42	89.48 PHASE
385	-5.22	2.54	612	1.94	.27	.24	.28	.19	.07	.15	.09 AMP
				119.78	46.32	147.31	168.42	249.44	67.12	81.39	85.76 PHASE
386	-5.34	2.83	612	2.11	.41	.32	.46	.30	.13	.15	.14 AMP
				105.00	26.47	139.33	164.35	220.77	14.92	63.26	71.61 PHASE
387	-5.43	3.40	613	2.48	.69	.48	.58	.35	.24	.18	.14 AMP
				93.56	30.12	146.64	176.55	244.32	22.02	87.23	82.07 PHASE
388	-4.41	.58	616	.26	.10	.13	.02	.04	.03	.02	.02 AMP
				298.90	255.49	93.63	51.68	177.06	160.32	111.81	114.48 PHASE
389	-4.72	.63	613	.02	.07	.11	.06	.06	.02	.05	.05 AMP
				179.40	297.38	190.18	277.07	250.52	300.43	214.16	21.11 PHASE
390	-4.93	1.04	612	.08	.18	.01	.11	.15	.06	.09	.07 AMP
				76.53	312.95	146.52	2.22	215.63	167.00	111.08	20.30 PHASE
391	-5.39	1.33	611	.17	.28	.10	.10	.02	.02	.03	.03 AMP
				86.32	323.43	208.51	350.37	47.46	35.00	225.04	224.95 PHASE
392	-5.94	1.62	614	.11	.26	.09	.22	.14	.04	.01	.05 AMP
				52.90	333.89	342.93	21.53	296.97	134.64	75.33	202.93 PHASE
393	-6.23	1.96	612	.13	.44	.08	.14	.08	.20	.11	.06 AMP
				65.91	345.40	267.03	38.48	250.01	131.49	6.88	82.88 PHASE
394	-6.62	2.31	612	.23	.12	.41	.19	.24	.09	.10	.03 AMP
				187.23	29.09	337.10	334.01	175.52	299.16	350.19	88.41 PHASE
395	-7.09	2.37	611	.14	.47	.32	.20	.02	.19	.16	.11 AMP
				83.51	322.72	252.50	21.72	289.55	107.15	355.01	94.67 PHASE
396	-7.18	2.77	612	.27	.39	.42	.43	.11	.11	.14	.07 AMP
				109.28	312.51	265.08	289.94	169.08	309.01	354.16	7.35 PHASE

PITCH LINK											
RUN NO 38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
376	4.70	2.95	613	1.95	.37	.52	.46	.22	.17	.11	.10 AMP
				313.81	172.86	234.21	94.36	147.21	80.52	22.04	82.63 PHASE
377	5.04	4.07	612	3.15	.73	.00	.30	.33	.11	.11	.16 AMP
				298.12	155.74	203.24	111.05	147.72	23.02	311.13	81.88 PHASE
378	5.29	4.43	612	3.15	.98	.29	.33	.31	.24	.24	.24 AMP
				289.32	180.25	53.54	84.33	95.96	47.45	306.75	64.98 PHASE
379	5.45	5.84	612	3.59	1.37	.57	.26	.54	.32	.09	.18 AMP
				272.19	186.10	46.18	53.14	73.41	21.12	169.40	42.10 PHASE
380	5.65	7.65	612	4.44	1.95	.95	.41	.09	.57	.36	.20 AMP
				253.49	195.45	46.44	317.42	45.28	26.15	160.50	54.20 PHASE
381	5.81	9.60	612	6.30	2.45	1.44	.77	.96	.55	.54	.35 AMP
				241.32	185.84	43.81	291.07	25.67	341.86	138.59	42.32 PHASE
382	3.54	3.07	611	2.60	.82	.76	.43	.01	.20	.04	.13 AMP
				346.00	26.91	237.09	121.62	193.60	31.76	105.92	82.17 PHASE
383	4.03	3.69	612	2.51	.37	.69	.49	.17	.19	.12	.20 AMP
				302.70	121.50	237.02	108.94	109.21	75.21	69.97	67.69 PHASE
384	4.36	4.19	612	2.79	.64	.23	.45	.26	.32	.09	.27 AMP
				206.59	165.87	273.11	74.11	98.46	63.45	116.11	72.01 PHASE
385	4.60	4.95	612	3.21	1.10	.32	.58	.53	.40	.19	.39 AMP
				271.21	109.72	357.62	49.92	77.17	41.76	111.05	68.68 PHASE
386	4.99	6.52	612	4.00	1.69	.62	.81	.08	.50	.35	.48 AMP
				252.37	196.06	.63	21.22	57.20	23.57	94.75	49.19 PHASE
387	5.25	0.41	613	5.50	2.48	1.13	1.02	1.09	.46	.31	.56 AMP
				241.70	206.40	14.41	19.71	68.34	49.40	126.47	46.35 PHASE
388	4.20	2.78	616	2.02	.12	.31	.05	.11	.00	.10	.03 AMP
				157.63	79.65	156.31	306.21	327.40	45.64	146.39	84.73 PHASE
389	5.07	2.54	613	1.40	.01	.22	.22	.22	.03	.07	.10 AMP
				188.36	69.65	165.10	70.34	93.03	330.05	190.01	354.32 PHASE
390	5.90	4.19	612	1.09	.15	.17	.41	.48	.17	.15	.12 AMP
				270.52	145.96	144.26	191.94	67.13	34.24	93.25	6.42 PHASE
391	6.50	4.06	611	1.77	.09	.31	.41	.44	.12	.20	.09 AMP
				310.22	242.98	90.22	173.74	250.74	352.52	218.40	201.30 PHASE
392	7.22	4.81	614	1.64	.23	.32	.00	.58	.07	.11	.08 AMP
				336.75	179.09	186.86	209.23	165.78	349.47	72.01	234.74 PHASE
393	7.61	5.00	612	1.52	.34	.16	.43	.29	.38	.27	.25 AMP
				325.30	193.10	109.01	226.54	123.34	59.05	7.65	31.75 PHASE
394	8.06	6.04	612	1.61	.00	.71	.90	.92	.19	.20	.06 AMP
				326.15	171.00	204.27	177.31	37.02	150.40	350.59	129.12 PHASE
395	8.27	8.17	611	1.50	.79	.00	.97	.25	.20	.32	.20 AMP
				323.42	182.18	98.29	216.33	143.43	13.65	295.83	69.20 PHASE
396	8.60	8.00	612	1.14	.45	.34	1.21	1.43	.27	.37	.08 AMP
				295.23	109.12	109.27	147.97	36.18	217.42	320.67	322.13 PHASE

TABLE V.- Continued

(b)  $\mu = 0.30$ ;  $M_T = 0.65$ 

PT.	CL/SIGMA	CD/SIGMA	CQ/SIGMA
355	.02068	.00244	.00139
356	.03137	.00188	.00161
357	.05307	.00218	.00174
358	.06898	.00214	.00214
359	.08317	.00125	.00296
360	.01556	.00140	.00167
361	.03175	-.00040	.00211
362	.04650	-.00211	.00283
363	.05982	-.00384	.00368
364	.06976	-.00471	.00419
365	.07599	-.00552	.00470
366	.08290	-.00659	.00529
367	.01170	.00054	.00176
368	.02534	-.00208	.00254
369	.04122	-.00512	.00366
370	.05418	-.00819	.00487
371	.06382	-.01017	.00553
372	.07034	-.01157	.00628
373	.07868	-.01311	.00695

TABLE V.- Continued

(b) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO 38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
355	41.49	34.88	612	12.43	15.22	11.85	6.98	4.78	2.58	3.18	.69 AMP
				142.65	328.95	75.25	1.55	97.87	321.32	226.26	118.85 PHASE
356	43.28	35.88	611	14.25	15.49	11.62	6.46	4.95	2.52	3.37	.57 AMP
				144.98	337.65	83.91	14.93	119.49	348.61	249.75	139.83 PHASE
357	45.87	33.69	611	14.13	15.15	11.88	6.26	3.85	2.45	2.76	.58 AMP
				143.55	331.28	73.68	7.55	85.38	314.14	242.97	163.46 PHASE
358	47.83	33.86	612	13.86	14.48	18.37	6.85	3.21	2.59	2.58	.99 AMP
				142.29	333.68	76.58	16.61	86.88	323.58	247.73	167.88 PHASE
359	49.67	31.71	612	13.32	13.92	9.81	5.51	2.22	2.14	2.73	1.43 AMP
				135.86	325.89	74.78	12.64	87.49	318.53	236.89	168.84 PHASE
360	41.84	31.38	612	12.21	13.56	18.48	6.38	4.25	1.43	1.84	.42 AMP
				152.22	348.82	85.52	19.96	136.14	5.52	258.63	62.84 PHASE
361	44.37	38.26	612	12.34	13.48	9.96	5.81	4.46	1.35	1.73	.45 AMP
				158.65	342.34	84.69	16.56	125.55	1.83	245.39	58.47 PHASE
362	46.78	29.91	613	12.47	13.44	9.48	5.46	5.84	1.37	1.73	.57 AMP
				145.26	336.75	75.28	5.88	118.89	347.55	226.44	42.11 PHASE
363	49.13	38.48	612	12.55	18.38	8.89	5.43	6.82	1.49	1.69	.39 AMP
				138.28	327.78	64.88	362.82	93.39	328.49	197.45	357.93 PHASE
364	58.34	29.63	612	12.22	13.21	8.58	5.11	5.88	1.37	1.97	.23 AMP
				141.59	338.57	81.25	14.95	128.19	353.57	233.22	54.62 PHASE
365	51.29	29.63	613	12.11	13.89	8.16	4.84	6.24	1.42	1.76	.16 AMP
				134.27	329.73	67.82	355.98	189.93	323.92	197.43	28.78 PHASE
366	52.35	29.31	612	11.96	12.65	7.48	4.71	6.42	1.33	1.96	.26 AMP
				129.84	328.16	65.68	352.73	187.46	388.28	195.89	61.88 PHASE
367	42.98	27.88	612	18.86	11.78	8.72	5.35	4.63	1.92	1.97	.58 AMP
				154.87	346.43	84.88	11.63	118.19	3.81	227.78	19.38 PHASE
368	45.28	27.85	612	18.91	11.92	8.43	5.21	5.28	1.91	1.92	.63 AMP
				148.68	342.34	75.68	358.29	94.81	355.79	218.86	356.23 PHASE
369	47.82	27.84	612	18.79	12.81	8.87	5.17	5.41	1.78	2.11	.54 AMP
				148.89	347.88	82.17	5.98	188.67	12.79	224.58	18.46 PHASE
370	58.28	27.78	612	18.83	12.89	7.34	5.13	5.58	1.52	2.81	.59 AMP
				141.88	341.96	77.27	359.64	188.42	6.25	211.89	344.12 PHASE
371	51.71	26.79	611	18.74	11.97	6.88	4.93	5.58	1.22	2.83	.52 AMP
				138.27	341.81	76.84	359.18	182.24	3.69	212.94	322.84 PHASE
372	52.85	27.23	613	11.88	12.12	6.42	5.81	5.59	1.25	2.87	.41 AMP
				134.87	339.47	72.88	355.14	181.36	356.32	212.83	318.13 PHASE
373	54.88	26.87	612	18.95	12.19	4.97	5.68	5.68	1.81	2.39	.43 AMP
				128.55	333.38	65.39	342.72	91.83	335.71	195.42	278.24 PHASE

CHORDWISE 25 PERCENT RADIUS											
RUN NO 38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
355	62.26	44.88	612	9.48	9.73	4.53	2.86	12.74	13.82	6.63	1.78 AMP
				277.77	143.28	293.93	193.78	284.68	232.38	133.89	36.82 PHASE
356	68.49	47.61	611	11.22	12.93	7.63	4.82	11.95	18.89	6.97	1.87 AMP
				293.88	159.98	318.75	176.61	311.97	239.66	154.21	68.18 PHASE
357	57.41	67.86	611	24.82	23.59	16.84	5.98	9.61	13.51	6.92	.94 AMP
				389.23	164.78	294.25	152.71	285.28	181.88	133.14	336.75 PHASE
358	55.32	82.17	612	39.19	31.83	21.15	5.38	8.19	16.53	6.24	1.23 AMP
				332.88	177.52	294.78	148.54	386.28	194.16	158.18	331.47 PHASE
359	53.68	99.58	612	53.32	34.68	26.96	5.76	7.35	13.97	3.49	1.81 AMP
				348.87	183.11	285.96	112.85	381.84	288.87	156.88	321.87 PHASE
360	59.45	43.83	612	8.85	14.35	9.42	5.2	7.74	9.47	4.66	.93 AMP
				294.38	153.96	295.66	385.86	312.86	237.93	152.15	72.47 PHASE
361	59.38	53.68	612	13.54	28.56	14.35	1.17	7.47	11.77	4.89	.94 AMP
				386.13	163.29	297.18	183.33	388.41	228.48	143.74	53.85 PHASE
362	59.66	59.43	613	28.95	26.99	18.68	2.11	8.13	12.53	6.53	.79 AMP
				328.87	178.36	289.86	162.33	288.89	197.12	125.78	318.85 PHASE
363	59.39	83.67	612	31.78	33.54	24.59	3.28	9.49	15.88	7.25	1.78 AMP
				329.72	172.87	275.44	123.92	262.73	174.98	118.78	269.86 PHASE
364	58.88	91.98	612	41.33	36.37	28.14	4.84	9.87	14.32	6.79	2.59 AMP
				345.87	189.86	291.72	134.93	381.29	211.49	154.91	317.21 PHASE
365	58.78	188.45	613	49.29	39.84	31.87	5.17	9.54	14.51	6.66	3.83 AMP
				345.53	183.65	278.86	114.46	277.92	189.18	132.88	277.18 PHASE
366	58.38	188.18	612	57.65	48.88	35.14	6.62	9.54	11.72	6.12	3.61 AMP
				348.35	184.88	274.64	99.73	271.89	184.86	128.15	266.37 PHASE
367	58.24	43.92	612	5.52	16.73	12.46	1.15	7.65	13.37	2.78	.78 AMP
				278.21	171.84	292.46	388.25	318.98	258.81	168.41	59.26 PHASE
368	59.36	57.79	612	9.18	22.86	16.93	1.66	7.98	15.97	3.94	.48 AMP
				296.36	171.57	286.55	278.62	275.39	224.64	139.69	51.72 PHASE
369	61.88	78.81	612	17.74	29.89	21.15	1.11	8.59	17.39	4.93	.25 AMP
				332.55	186.88	291.88	311.43	276.25	241.13	153.68	348.85 PHASE
370	62.37	83.87	612	28.59	35.46	26.98	.54	18.71	18.18	5.61	.51 AMP
				338.73	191.64	281.86	331.31	265.55	232.97	145.39	291.43 PHASE
371	62.94	91.38	611	37.51	37.96	29.73	1.81	11.49	17.48	5.43	.98 AMP
				346.28	195.85	281.82	61.62	264.74	236.72	148.95	285.75 PHASE
372	63.85	187.98	613	48.88	42.86	33.78	11.67	11.67	16.78	6.27	1.74 AMP
				349.21	196.77	281.61	184.61	263.58	231.39	139.93	288.28 PHASE
373	63.41	128.32	612	68.38	44.18	37.11	3.31	11.97	14.44	6.26	2.48 AMP
				353.27	194.43	274.13	187.18	248.95	215.77	127.32	268.23 PHASE

TABLE V.- Continued

(b) Continued

TORSION 28 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
355	-2.46	10.75	612	7.88	3.29	2.17	1.62	.47	.91	.34	.36 AMP
356	-3.12	11.67	611	157.16	301.09	120.13	3.94	74.13	310.43	214.51	150.89 PHASE
357	-4.29	11.56	611	7.30	3.57	2.10	1.70	.42	.81	.30	.36 AMP
358	-5.74	12.01	612	155.22	312.15	137.92	14.91	137.22	334.93	232.16	166.22 PHASE
359	-7.25	13.16	612	7.25	3.50	2.16	1.86	.47	.59	.21	.21 AMP
360	-3.45	10.21	612	140.04	303.54	146.06	6.70	100.06	299.47	199.34	156.35 PHASE
361	-3.99	11.06	612	7.33	2.82	2.10	2.39	.73	.27	.74	.22 AMP
362	-4.72	11.49	613	127.40	301.16	177.62	0.52	101.22	293.61	206.91	155.47 PHASE
363	-5.65	12.57	612	7.63	1.93	1.94	2.65	1.05	.32	.68	.39 AMP
364	-6.27	13.14	612	111.20	291.07	209.93	4.23	90.42	176.68	200.84	133.40 PHASE
365	-6.98	14.00	613	7.72	2.49	2.07	1.94	.35	.33	.07	.15 AMP
366	-7.02	13.75	612	163.95	323.96	129.20	359.30	133.09	331.09	107.05	152.01 PHASE
367	-4.26	9.01	612	7.80	3.00	1.67	1.96	.44	.36	.17	.14 AMP
368	-4.74	10.05	612	150.23	329.00	139.97	356.99	142.04	317.05	190.60	106.94 PHASE
369	-5.26	11.03	612	7.89	3.37	1.36	2.00	.60	.16	.26	.13 AMP
370	-5.84	12.64	612	149.07	323.49	140.02	349.04	115.57	319.70	179.35	43.17 PHASE
371	-6.10	13.12	611	7.07	3.51	1.43	2.16	.99	.15	.41	.16 AMP
372	-6.60	14.00	613	135.94	310.77	174.14	345.90	99.75	290.21	153.06	37.04 PHASE
373	-7.17	14.39	612	7.00	3.25	1.61	2.47	1.26	.12	.37	.16 AMP
				134.74	321.91	210.09	14.20	133.31	317.72	201.40	84.06 PHASE
				7.94	2.97	1.93	2.00	1.60	.11	.40	.14 AMP
				121.97	300.04	215.32	3.32	114.54	262.00	174.14	30.26 PHASE
				0.16	2.25	2.51	3.05	1.64	.14	.33	.18 AMP
				110.50	301.52	230.49	359.23	100.59	235.70	103.59	31.50 PHASE
				0.03	2.70	.09	1.55	.38	.35	.10	.12 AMP
				164.63	345.56	159.04	355.46	120.67	334.32	240.50	162.57 PHASE
				7.95	3.20	1.05	1.00	.46	.24	.37	.10 AMP
				156.43	337.46	101.10	340.76	90.60	325.60	211.96	120.74 PHASE
				7.89	3.59	1.21	1.93	.59	.06	.40	.22 AMP
				153.51	340.70	207.40	1.64	104.92	332.30	236.05	135.02 PHASE
				7.00	4.07	1.79	1.03	.76	.16	.40	.26 AMP
				146.39	332.22	215.70	1.67	112.15	207.44	212.05	125.17 PHASE
				7.02	4.11	1.99	1.93	.96	.70	.46	.27 AMP
				141.94	331.09	224.05	10.40	121.60	209.92	221.25	131.44 PHASE
				7.94	4.26	2.37	2.24	1.21	.35	.40	.26 AMP
				136.39	327.07	227.00	10.96	126.74	213.90	214.44	125.56 PHASE
				7.96	3.90	2.90	2.66	1.56	.42	.29	.29 AMP
				125.24	320.37	220.74	4.24	115.06	194.54	202.05	105.00 PHASE

TABLE V.- Continued

(b) Continued

FLAPWISE 37 PERCENT RADIUS											
RUN NO 38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
355	24.48	48.38	612	18.68	19.72	13.35	5.13	2.64	.86	.48	.25 AMP
356	26.81	41.38	611	138.62	338.88	78.98	355.86	182.87	327.48	232.18	222.39 PHASE
357	28.31	41.51	611	28.83	28.24	13.86	4.78	2.73	.76	.51	.21 AMP
358	38.18	48.95	612	141.23	339.58	88.16	7.51	122.49	342.26	272.94	235.83 PHASE
359	32.29	38.97	612	28.98	28.88	13.11	4.46	2.87	.58	.48	.19 AMP
360	25.73	36.98	612	139.44	333.14	69.84	1.44	83.71	329.43	268.85	243.56 PHASE
361	28.18	36.37	612	21.45	19.26	12.97	4.88	1.59	.46	.38	.38 AMP
362	38.26	36.31	613	148.46	336.58	72.19	18.31	88.88	338.26	277.82	291.87 PHASE
363	32.47	36.38	612	21.52	18.39	12.23	3.35	.87	.39	.42	.35 AMP
364	33.64	36.59	612	137.91	335.62	78.25	6.85	76.32	283.17	269.11	295.78 PHASE
365	34.65	36.93	613	17.88	18.16	12.21	4.56	2.48	.55	.52	.33 AMP
366	35.76	36.53	612	143.93	342.25	88.73	11.87	137.67	5.29	257.81	188.51 PHASE
367	28.89	31.88	612	18.47	18.29	11.95	4.88	2.46	.29	.52	.27 AMP
368	38.31	31.99	612	143.49	343.82	88.68	9.23	124.94	13.29	259.47	282.85 PHASE
369	32.64	32.44	612	18.98	18.45	11.72	3.93	2.78	.21	.41	.37 AMP
370	36.38	32.47	611	139.99	339.82	71.65	359.15	187.53	28.12	248.65	199.86 PHASE
371	37.51	33.15	613	19.49	18.33	11.84	3.82	3.36	.89	.35	.35 AMP
372	38.63	33.42	612	135.11	331.11	68.88	345.61	98.24	42.55	223.77	163.96 PHASE
373				19.76	18.12	11.87	3.51	3.38	.22	.38	.34 AMP
				148.14	343.15	78.66	9.65	124.94	214.28	255.78	198.93 PHASE
				28.86	18.15	11.85	3.28	3.48	.29	.31	.26 AMP
				134.76	333.61	65.37	358.81	185.51	198.41	238.26	154.58 PHASE
				28.11	17.78	11.46	2.89	3.47	.41	.38	.27 AMP
				132.46	332.88	64.86	347.69	182.85	183.35	217.19	133.55 PHASE
				15.79	16.83	18.84	3.89	2.58	.39	.42	.29 AMP
				144.87	347.96	81.83	3.78	185.77	332.93	272.88	176.73 PHASE
				16.34	16.35	18.84	3.71	2.97	.26	.42	.23 AMP
				141.44	344.18	73.22	349.57	91.63	318.88	259.21	163.33 PHASE
				16.83	16.68	18.81	3.59	3.11	.21	.39	.16 AMP
				143.61	349.85	88.17	356.24	184.83	311.26	278.11	166.63 PHASE
				17.22	16.98	18.88	3.59	3.22	.22	.31	.18 AMP
				148.67	346.29	75.57	358.68	94.51	265.22	262.86	144.96 PHASE
				17.43	16.81	18.68	3.35	3.13	.35	.27	.24 AMP
				148.12	346.14	75.88	349.76	96.28	258.44	258.81	121.18 PHASE
				17.98	17.28	18.69	3.48	3.21	.38	.19	.24 AMP
				139.88	344.55	72.98	346.86	94.98	246.74	244.89	117.91 PHASE
				18.32	17.28	18.53	3.41	3.26	.45	.13	.31 AMP
				135.78	338.47	66.16	334.46	84.37	238.23	229.81	187.98 PHASE

CHORDWISE 37 PERCENT RADIUS											
RUN NO 38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
355	44.16	55.29	612	12.95	9.88	4.14	2.29	16.67	17.48	8.95	1.54 AMP
356	42.82	58.15	611	284.87	135.68	347.78	211.87	282.64	228.54	132.95	38.34 PHASE
357	38.98	69.62	611	14.22	12.72	7.88	4.52	15.82	13.86	9.68	1.94 AMP
358	36.29	82.68	612	296.79	157.57	348.46	179.14	389.86	237.11	155.14	62.84 PHASE
359	33.45	91.36	612	23.94	21.88	14.59	8.75	13.56	16.66	18.88	1.83 AMP
360	48.96	49.87	612	389.57	164.34	321.56	148.21	287.96	175.19	136.41	323.44 PHASE
361	48.74	58.21	612	34.21	28.71	19.32	7.81	12.44	22.82	8.84	1.48 AMP
362	48.22	61.18	613	329.62	177.12	322.28	139.89	311.68	187.83	163.93	7.85 PHASE
363	39.83	76.86	612	45.84	32.61	23.64	7.81	11.36	19.87	4.31	2.28 AMP
364	38.89	83.72	612	338.38	181.76	311.48	112.53	388.87	196.85	169.96	358.16 PHASE
365	37.36	92.85	613	11.45	12.18	6.27	1.21	18.85	13.11	6.19	1.88 AMP
366	36.12	188.36	612	293.41	147.24	325.71	312.55	387.57	236.15	162.77	116.19 PHASE
367	39.68	48.32	612	14.76	16.98	18.56	.63	9.53	15.84	6.57	.96 AMP
368	48.36	55.53	612	382.48	168.71	328.93	178.74	298.43	218.21	156.39	74.94 PHASE
369	41.27	64.37	612	19.63	22.62	15.88	2.55	18.29	16.86	9.42	.76 AMP
370	41.73	74.51	612	315.88	169.92	314.89	139.45	282.11	192.85	136.13	322.42 PHASE
371	41.62	82.64	611	27.12	28.52	19.85	4.38	11.33	21.88	11.13	1.55 AMP
372	41.65	94.37	613	324.98	172.59	388.82	117.75	262.95	169.48	118.39	291.14 PHASE
373	48.72	182.88	612	34.84	31.36	22.81	5.31	18.78	28.84	18.58	2.32 AMP
				339.82	188.94	315.67	132.56	299.94	286.42	161.35	342.48 PHASE
				48.83	34.28	26.41	6.83	11.18	21.57	18.14	2.41 AMP
				348.81	182.45	381.88	113.28	275.87	185.52	139.73	382.99 PHASE
				46.51	36.82	29.49	8.69	11.81	17.75	9.13	2.66 AMP
				344.22	183.85	296.42	99.46	267.33	181.86	132.93	284.14 PHASE
				7.19	13.88	7.58	2.51	8.78	19.83	2.68	1.48 AMP
				286.61	168.21	317.17	319.69	318.32	249.13	199.81	187.84 PHASE
				9.82	17.74	11.43	2.68	8.28	24.92	4.23	1.56 AMP
				294.91	178.41	388.14	381.54	274.65	223.51	163.32	83.92 PHASE
				15.59	22.59	14.72	2.19	8.39	25.71	6.42	1.81 AMP
				323.16	186.83	311.54	328.35	275.87	239.58	168.82	83.18 PHASE
				23.81	27.73	18.86	1.71	18.46	26.98	8.45	1.11 AMP
				331.82	191.66	381.34	349.94	263.49	231.88	155.18	62.69 PHASE
				22.22	28.18	21.53	1.91	11.67	26.29	8.54	.93 AMP
				339.45	194.37	388.53	37.98	268.97	235.34	147.72	43.96 PHASE
				37.31	33.91	25.28	1.94	11.82	25.67	9.96	.73 AMP
				343.86	195.11	381.39	78.98	268.83	229.39	144.44	34.96 PHASE
				45.49	36.41	28.67	3.76	12.21	22.95	9.92	.92 AMP
				348.12	193.35	293.54	92.95	244.38	214.99	138.89	287.87 PHASE



TABLE V.- Continued

(b) Continued

TORSION 36 PERCENT RADIUS											
RUN NO 38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
355	-3.41	8.83	612	6.89	2.19	1.76	1.83	.38	.63	.83	.19 ANP
356	-4.83	8.61	611	151.41	281.69	122.84	348.89	3.85	267.87	114.71	88.85 PHASE
357	-5.88	8.81	611	6.17	2.41	1.78	1.19	.28	.56	.82	.28 ANP
358	-6.21	9.65	612	149.66	296.55	133.35	347.48	68.51	278.49	147.28	185.84 PHASE
359	-7.46	18.28	612	6.88	2.55	2.12	1.32	.31	.46	.15	.11 ANP
360	-4.38	7.56	612	135.37	291.29	139.58	336.82	52.38	238.78	119.62	119.78 PHASE
361	-4.93	8.13	612	6.85	2.84	2.39	1.84	.58	.29	.36	.18 ANP
362	-5.64	8.88	613	124.26	294.38	162.75	336.83	58.89	231.95	128.43	162.35 PHASE
363	-6.47	9.68	612	6.21	1.35	2.35	2.18	.93	.27	.31	.18 ANP
364	-7.84	18.21	612	188.74	291.43	184.65	331.89	52.43	158.51	134.22	99.66 PHASE
365	-7.67	18.71	613	6.54	1.46	1.55	1.38	.11	.26	.12	.83 ANP
366	-8.38	18.69	612	157.85	387.67	128.44	329.83	18.83	262.86	58.42	83.56 PHASE
367	-5.19	7.76	612	6.55	1.91	1.33	1.36	.89	.29	.11	.18 ANP
368	-5.68	8.68	612	158.74	316.38	134.82	326.98	65.42	248.75	73.22	38.81 PHASE
369	-6.24	9.36	612	6.58	2.38	1.31	1.45	.26	.14	.89	.89 ANP
370	-6.81	18.86	612	141.38	312.41	143.46	318.49	39.83	281.24	72.16	347.97 PHASE
371	-7.89	18.43	611	6.55	2.49	1.65	1.61	.56	.18	.17	.18 ANP
372	-7.54	11.82	613	128.24	381.38	158.32	314.15	42.68	165.36	56.58	351.94 PHASE
373	-8.82	11.66	612	6.58	2.29	1.89	1.91	.81	.19	.12	.11 ANP
				126.87	313.49	188.63	342.27	82.36	197.17	86.54	45.33 PHASE
				6.64	2.85	2.28	2.29	1.13	.21	.18	.88 ANP
				113.98	388.74	187.79	328.48	67.85	169.77	67.49	369.85 PHASE
				6.88	1.94	2.55	2.39	1.19	.23	.82	.88 ANP
				183.49	296.88	199.66	327.71	61.41	151.38	351.94	357.58 PHASE
				6.84	1.84	.84	1.83	.12	.24	.85	.88 ANP
				156.86	339.89	164.78	324.69	48.39	271.18	268.78	91.13 PHASE
				6.74	2.28	1.15	1.25	.22	.13	.16	.13 ANP
				148.86	329.68	175.88	318.93	3.69	249.37	164.34	55.63 PHASE
				6.78	2.64	1.36	1.36	.31	.87	.17	.18 ANP
				144.58	331.35	193.12	331.54	29.94	157.43	197.18	68.71 PHASE
				6.67	3.87	1.88	1.25	.38	.28	.19	.18 ANP
				136.92	322.17	195.18	332.21	53.38	138.94	166.46	57.58 PHASE
				6.62	3.14	2.86	1.34	.55	.28	.16	.28 ANP
				132.83	321.27	288.19	342.74	71.49	146.31	191.55	64.78 PHASE
				6.74	3.27	2.41	1.61	.76	.33	.26	.21 ANP
				126.38	317.98	288.63	342.76	79.23	152.89	188.71	68.45 PHASE
				6.85	3.88	2.82	2.82	1.89	.48	.13	.18 ANP
				115.57	318.23	281.71	336.77	78.78	143.22	284.21	46.74 PHASE

TABLE V.- Continued

(b) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO 38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
355	7.68	58.28	612	24.91	26.24	13.96	2.71	1.57	1.48	2.63	265.84 AMP
356	9.46	51.68	611	137.28	329.89	62.29	345.49	267.68	116.92	32.98	265.18 PHASE
357	12.88	51.28	611	26.71	26.72	13.68	2.54	1.64	1.54	2.83	295.71 PHASE
358	14.22	51.87	612	139.79	337.63	71.19	357.45	289.59	136.42	68.42	331.39 PHASE
359	16.78	58.12	612	28.82	25.81	14.15	2.27	1.25	1.51	2.29	345.34 AMP
360	9.73	47.98	612	137.32	338.74	59.84	345.61	288.79	184.74	51.88	284.71 PHASE
361	12.87	47.28	612	29.22	24.74	14.51	1.81	1.84	1.64	2.29	345.34 PHASE
362	14.33	48.32	613	138.32	333.86	63.83	352.48	294.55	112.81	54.38	245.57 PHASE
363	16.88	48.38	612	29.83	23.59	13.96	1.45	1.94	1.54	2.45	352.92 PHASE
364	18.85	48.18	612	136.38	331.53	68.41	358.84	294.36	181.46	48.51	247.72 PHASE
365	19.12	48.43	613	24.47	24.55	13.86	2.42	1.46	1.75	1.73	251.48 PHASE
366	28.42	48.29	612	148.71	339.92	72.42	353.28	298.32	158.71	46.95	241.52 PHASE
367	12.91	41.41	612	25.48	24.45	12.74	2.26	1.46	1.69	1.68	284.71 PHASE
368	15.21	41.68	612	139.82	348.86	72.17	351.45	292.88	152.52	42.66	352.92 PHASE
369	17.55	42.68	612	26.48	24.48	12.73	2.23	1.58	1.76	1.63	241.52 PHASE
370	28.88	42.64	612	136.71	335.72	63.89	338.68	287.71	128.54	23.55	284.71 PHASE
371	21.55	43.89	611	27.38	24.25	13.35	2.21	1.73	1.88	1.64	355.57 PHASE
372	22.82	44.16	613	132.48	327.53	52.24	316.48	275.76	111.19	355.57	247.72 PHASE
373	23.98	44.88	612	27.86	23.97	13.51	2.84	1.71	1.89	1.71	268.48 PHASE
				137.99	338.87	69.56	338.33	389.39	158.59	34.79	247.72 PHASE
				28.43	23.92	13.78	1.92	1.71	1.97	1.70	352.92 PHASE
				132.98	328.93	56.84	317.82	291.88	123.96	1.81	257.78 PHASE
				28.78	22.99	13.91	1.87	1.83	1.95	1.44	284.71 PHASE
				131.22	326.78	54.66	388.79	289.81	111.37	1.75	241.52 PHASE
				22.22	21.34	11.88	1.12	1.12	1.76	1.64	284.71 PHASE
				148.53	343.94	73.82	341.98	288.72	188.86	29.55	352.92 PHASE
				22.98	21.64	12.22	1.69	1.54	1.89	1.74	178.83 PHASE
				137.43	339.86	65.99	325.27	277.81	164.87	12.82	194.54 PHASE
				23.77	21.89	12.52	1.57	1.68	1.97	1.83	178.83 PHASE
				139.88	345.24	72.15	329.67	293.48	178.63	27.92	194.54 PHASE
				24.23	21.97	13.18	1.53	1.57	1.85	1.77	159.42 PHASE
				137.58	341.47	67.13	322.89	289.74	171.18	14.88	159.42 PHASE
				24.51	21.81	13.89	1.89	1.74	1.71	1.73	141.38 PHASE
				137.43	348.93	66.67	317.88	298.87	171.34	16.88	124.15 PHASE
				25.25	22.29	13.51	1.43	1.61	1.76	1.78	124.15 PHASE
				136.85	339.21	65.83	311.15	298.86	169.83	16.26	88.33 PHASE
				26.81	22.36	13.67	1.32	1.75	1.61	2.84	88.33 PHASE
				134.82	332.82	57.78	299.71	288.78	148.82	3.78	

CHORDWISE 51 PERCENT RADIUS											
RUN NO 38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
355	49.34	68.83	612	13.27	7.75	5.69	3.26	28.86	28.15	18.48	1.15 AMP
356	47.69	62.28	611	284.79	131.88	38.85	232.79	281.99	238.44	134.15	66.94 PHASE
357	45.36	78.27	611	14.41	18.22	8.43	4.25	18.51	14.87	11.54	11.74 AMP
358	43.41	76.69	612	296.84	157.56	18.75	195.38	387.45	239.76	157.41	81.28 PHASE
359	48.98	85.58	612	21.96	17.65	13.28	5.74	15.75	18.84	14.24	1.89 AMP
360	47.65	58.82	612	385.89	166.98	345.73	152.38	285.16	175.37	141.86	334.51 PHASE
361	47.12	57.88	612	38.88	23.66	17.65	6.15	13.98	24.51	11.37	2.32 AMP
362	46.45	65.89	613	325.56	179.57	342.65	135.67	387.41	187.89	171.77	39.89 PHASE
363	45.51	74.62	612	39.32	27.83	21.65	8.85	12.83	28.91	5.68	3.37 AMP
364	44.73	75.76	612	334.76	182.88	328.28	181.69	382.66	198.22	182.59	25.86 PHASE
365	43.86	84.65	613	11.51	9.74	5.89	2.13	12.41	15.58	7.27	1.75 AMP
366	42.84	94.34	612	295.36	145.65	7.24	383.18	387.53	238.23	171.72	148.11 PHASE
367	46.82	52.66	612	14.38	13.45	9.82	11.52	11.52	18.43	7.98	1.28 AMP
368	46.41	57.57	612	381.11	162.55	358.85	276.71	298.28	228.75	165.77	113.77 PHASE
369	46.97	65.85	612	18.21	18.23	13.48	1.56	12.28	19.37	11.73	1.25 AMP
370	47.11	76.27	612	311.78	172.96	338.91	137.98	288.75	194.86	143.68	345.38 PHASE
371	46.88	76.24	611	24.82	23.37	17.68	3.45	13.24	24.21	14.18	1.18 AMP
372	46.87	86.58	613	319.88	175.68	321.84	111.83	259.82	171.17	125.58	321.81 PHASE
373	46.84	94.84	612	29.53	25.95	28.29	4.72	12.48	24.15	13.15	2.82 AMP
				334.21	191.38	335.72	123.17	293.66	288.44	168.28	13.11 PHASE
				34.58	28.89	23.93	6.64	12.98	25.89	12.68	2.11 AMP
				335.84	184.38	319.12	183.19	267.35	188.16	147.53	339.61 PHASE
				48.34	31.37	27.27	9.48	12.99	28.39	11.36	2.87 AMP
				348.17	184.11	312.73	98.49	258.17	184.28	148.65	319.36 PHASE
				7.43	18.41	6.24	3.78	18.48	24.87	3.19	2.48 AMP
				292.89	178.24	357.11	321.88	389.42	251.18	226.82	126.32 PHASE
				9.68	14.58	9.88	3.88	9.76	38.15	4.68	2.69 AMP
				296.58	173.98	338.82	388.23	274.34	225.95	182.15	98.43 PHASE
				14.34	18.59	12.27	3.44	9.74	31.16	7.27	1.99 AMP
				318.97	189.32	337.83	331.88	274.65	242.18	178.17	188.84 PHASE
				28.22	22.89	15.53	3.82	11.82	32.68	9.91	2.33 AMP
				325.79	194.82	325.51	346.98	261.91	233.78	162.66	92.48 PHASE
				25.81	24.96	18.13	2.92	13.17	31.94	18.87	2.81 AMP
				333.62	197.89	322.63	17.53	258.72	238.38	152.91	86.72 PHASE
				31.28	28.82	21.81	2.48	13.35	31.33	11.88	1.18 AMP
				338.68	198.71	321.62	43.66	257.27	232.67	148.59	78.65 PHASE
				37.77	38.46	25.35	3.89	14.83	28.28	11.85	1.45 AMP
				342.84	195.37	311.78	71.59	239.15	219.44	134.67	48.53 PHASE

TABLE V.- Continued

(b) Continued

TORSION 50 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
355	-6.35	6.57	612	5.26	1.69	1.17	.62	.39	.42	.25	.06
356	-6.78	7.89	611	153.81	299.87	132.41	14.89	12.23	277.68	52.38	94.72
357	-7.36	7.18	611	5.39	1.95	1.19	.71	.23	.39	.27	.18
358	-8.84	7.78	612	152.25	313.72	143.92	19.76	46.34	284.81	56.84	119.72
359	-8.72	8.33	612	5.47	2.24	1.39	.78	.38	.39	.24	.06
360	-7.28	6.32	612	142.46	389.97	145.96	8.78	35.31	248.22	58.26	169.84
361	-7.65	6.65	612	5.47	2.17	1.68	1.13	.52	.32	.36	.18
362	-8.86	7.88	613	138.28	318.24	166.84	.88	62.18	237.99	99.66	247.83
363	-8.51	7.88	612	5.41	2.88	1.63	1.38	.83	.29	.32	.14
364	-9.16	8.67	613	129.81	323.26	182.68	352.58	68.31	186.71	187.32	257.95
365	-9.54	8.77	612	5.53	1.21	1.18	.75	.25	.22	.26	.11
366	-8.82	7.82	612	158.48	325.31	129.34	359.34	12.68	276.93	79.18	111.88
367	-8.32	7.82	612	5.58	1.57	.98	.88	.22	.26	.24	.09
368	-8.68	7.58	612	152.68	331.64	142.59	355.87	6.68	268.78	79.88	77.91
369	-9.84	8.82	612	5.64	1.97	.92	.87	.48	.28	.24	.05
370	-9.22	8.33	611	145.86	327.25	146.79	344.23	19.18	287.91	46.39	22.33
371	-9.51	8.75	613	5.65	2.31	1.18	.98	.59	.28	.31	.06
372	-9.79	9.18	612	135.55	317.88	156.84	337.61	25.82	181.14	29.51	57.96
373	-9.79	9.18	612	5.65	2.36	1.33	1.17	.76	.38	.32	.09
				137.38	338.94	182.49	4.26	78.31	214.72	61.67	125.39
				5.69	2.38	1.51	1.46	.99	.36	.32	.06
				128.18	321.67	178.38	348.86	68.88	181.68	28.38	86.57
				5.78	2.24	1.64	1.57	1.11	.42	.18	.08
				121.73	322.81	187.95	343.81	56.18	178.28	7.14	99.88
				5.74	1.58	.49	.68	.19	.14	.15	.06
				158.15	355.33	171.88	358.28	11.11	288.68	45.68	61.62
				5.69	1.85	.68	.74	.34	.85	.87	.07
				149.63	344.38	184.77	346.86	359.92	224.68	82.88	45.81
				5.69	2.18	.82	.88	.45	.14	.84	.18
				145.63	344.38	281.61	359.88	25.52	152.56	37.69	65.58
				5.68	2.51	1.19	.73	.47	.23	.86	.14
				139.46	334.78	282.72	4.85	35.93	152.27	87.43	59.11
				5.68	2.62	1.29	.82	.51	.29	.85	.19
				135.71	333.44	285.48	15.88	52.36	159.88	4.64	68.85
				5.88	2.82	1.51	.98	.62	.34	.18	.21
				131.79	338.51	283.86	12.29	64.82	164.64	351.87	65.79
				5.98	2.85	1.66	1.28	.82	.46	.18	.24
				124.58	323.66	281.85	3.12	63.83	153.89	318.25	46.35

TABLE V.- Continued

(b) Continued

FLAPWISE 77 PERCENT RADIUS											
RUN NO 38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
355	-11.06	46.13	612	25.02	21.38	8.25	7.41	3.78	.41	3.05	1.44 AMP
				137.95	327.94	28.85	186.11	253.75	345.06	208.23	105.20 PHASE
356	-9.10	47.05	611	26.46	22.14	8.04	5.94	3.93	.62	3.36	1.30 AMP
				141.76	337.14	37.48	281.55	277.52	9.32	235.6	145.61 PHASE
357	-6.05	46.53	611	27.34	21.26	8.26	6.25	3.68	.10	2.45	1.51 AMP
				139.81	329.19	35.61	193.75	240.62	307.61	222.27	154.77 PHASE
358	-3.42	47.26	612	28.44	20.43	8.27	5.74	3.51	.14	2.34	2.07 AMP
				141.90	332.13	43.25	203.26	245.07	277.11	224.14	169.70 PHASE
359	-1.37	45.90	612	29.12	19.39	7.74	4.81	2.68	.22	2.44	2.77 AMP
				140.45	329.74	44.67	201.18	249.55	349.79	221.09	172.37 PHASE
360	-9.60	46.41	612	25.31	21.54	7.47	6.51	3.48	.52	2.27	.94 AMP
				141.52	339.73	34.69	198.34	301.34	313.93	222.62	101.51 PHASE
361	-6.98	45.57	612	25.73	21.22	7.25	5.91	3.79	.37	2.07	.84 AMP
				141.86	340.76	37.63	197.65	291.05	340.08	217.13	111.73 PHASE
362	-4.64	45.23	613	26.59	21.15	7.22	5.44	4.57	.47	2.08	.88 AMP
				139.90	336.16	31.75	191.97	274.66	322.02	198.02	99.78 PHASE
363	-1.91	46.43	612	27.57	21.04	7.67	5.21	5.75	.48	1.95	.69 AMP
				136.59	328.44	25.44	182.67	256.26	314.90	169.47	86.76 PHASE
364	-1.37	47.18	612	28.13	20.81	7.72	4.77	5.78	.71	1.78	.82 AMP
				142.58	339.50	45.94	209.02	290.24	9.15	204.11	151.48 PHASE
365	.07	48.13	613	29.95	20.75	7.84	4.30	6.04	1.00	1.91	.80 AMP
				137.97	329.70	34.85	192.69	272.73	349.14	167.54	124.62 PHASE
366	2.37	48.10	612	29.42	20.26	7.56	3.87	6.24	.93	1.93	1.01 AMP
				136.08	327.04	35.27	192.99	269.30	349.11	167.15	112.63 PHASE
367	-6.89	41.77	612	23.10	19.38	6.29	5.34	4.23	.55	1.65	.68 AMP
				140.46	342.22	41.21	187.72	271.39	28.16	207.03	21.71 PHASE
368	-4.66	42.00	612	23.67	19.45	6.74	5.03	4.91	.60	1.73	.45 AMP
				133.62	338.36	36.05	175.97	257.68	12.98	190.17	254.20 PHASE
369	-2.25	43.56	612	24.42	19.57	7.27	4.76	5.21	.56	1.87	.39 AMP
				142.16	345.83	44.12	185.15	270.21	25.61	205.46	358.43 PHASE
370	.49	44.43	612	24.95	19.61	7.96	4.29	5.51	.71	1.79	.54 AMP
				147.68	343.04	42.00	178.56	261.45	22.77	192.51	315.14 PHASE
371	2.11	45.05	611	25.27	19.48	3.04	3.82	5.94	.73	1.80	.59 AMP
				143.88	339.02	43.20	181.73	263.54	34.45	195.99	291.22 PHASE
372	3.41	46.62	613	25.15	19.37	3.45	3.74	5.67	.84	1.94	.53 AMP
				140.60	337.14	43.25	175.11	267.07	20.73	199.14	271.00 PHASE
373	4.79	47.50	612	27.09	30.18	3.56	3.54	5.54	.42	2.25	.65 AMP
				139.09	331.01	33.24	169.24	254.54	23.02	183.15	228.28 PHASE

CHORDWISE 77 PERCENT RADIUS											
RUN NO 38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
355	55.02	37.49	612	13.75	13.53	8.69	6.19	10.52	7.46	4.54	1.55 AMP
				145.06	320.42	35.09	199.35	267.09	222.65	158.86	119.72 PHASE
356	55.03	39.55	611	14.10	13.29	9.40	6.21	10.02	5.25	5.05	1.49 AMP
				148.77	334.01	39.54	204.16	291.58	234.11	173.48	142.64 PHASE
357	57.55	41.93	611	12.57	11.29	10.45	5.69	8.38	6.55	6.19	1.32 AMP
				143.25	319.35	24.36	182.10	263.79	166.71	147.36	151.16 PHASE
358	59.27	39.09	612	10.74	10.00	11.44	4.75	6.92	9.23	5.64	1.91 AMP
				145.95	313.44	22.66	177.83	277.00	179.47	177.70	120.06 PHASE
359	61.37	38.86	612	8.50	9.16	11.24	3.63	6.00	7.54	3.63	2.10 AMP
				126.67	303.30	13.59	146.79	277.62	190.12	191.10	121.26 PHASE
360	56.41	34.07	612	14.02	12.96	7.97	4.54	7.66	6.17	3.93	1.52 AMP
				146.54	340.69	37.66	215.34	298.97	233.79	187.64	137.03 PHASE
361	57.34	35.00	612	13.46	11.65	8.42	4.04	7.45	6.90	4.06	1.33 AMP
				147.79	337.21	32.79	207.41	289.31	216.30	170.63	131.02 PHASE
362	58.50	38.51	613	12.65	10.71	9.46	3.76	8.19	7.15	5.68	.93 AMP
				145.21	325.77	19.07	189.98	271.42	189.60	150.03	116.00 PHASE
363	60.34	41.20	612	11.44	10.15	10.69	3.57	9.33	8.08	6.81	.82 AMP
				139.76	309.11	4.09	166.49	249.96	166.02	127.61	67.25 PHASE
364	61.99	39.68	612	10.30	10.00	11.22	3.19	8.97	8.75	6.45	.95 AMP
				142.04	315.29	19.52	179.39	283.23	203.59	169.22	100.77 PHASE
365	63.14	40.20	613	3.56	10.04	11.92	3.15	9.19	9.02	6.14	1.07 AMP
				132.30	300.20	2.17	145.07	260.44	184.76	146.07	63.77 PHASE
366	64.07	39.94	612	3.51	9.77	12.03	3.28	9.17	7.19	5.45	1.17 AMP
				123.73	294.07	35.06	119.03	254.03	101.71	139.54	66.44 PHASE
367	58.42	34.19	612	13.45	11.00	7.14	2.00	7.20	9.23	3.44	1.16 AMP
				144.03	319.25	39.89	219.99	285.98	244.58	226.37	115.54 PHASE
368	59.03	34.78	612	13.14	10.07	8.04	2.58	7.63	11.47	2.90	1.36 AMP
				142.69	330.21	25.00	211.11	259.88	220.22	190.23	95.26 PHASE
369	60.09	40.47	612	12.01	9.61	8.90	2.07	11.02	11.96	3.02	1.02 AMP
				141.79	324.77	27.45	214.28	265.61	236.80	185.74	108.52 PHASE
370	61.78	45.72	612	11.51	9.45	12.03	1.30	8.86	12.49	4.79	1.10 AMP
				142.47	315.62	19.07	192.75	253.84	228.05	165.73	85.32 PHASE
371	63.50	43.09	611	9.45	7.91	11.26	1.05	9.30	12.24	4.65	.93 AMP
				139.35	311.66	15.04	171.10	252.54	233.77	158.23	87.35 PHASE
372	65.04	43.66	613	8.53	9.92	11.39	1.44	9.37	12.07	5.37	.63 AMP
				133.63	295.66	13.00	154.16	251.00	228.51	152.62	95.31 PHASE
373	65.04	41.93	612	7.79	13.34	12.01	2.20	9.49	10.86	5.30	.42 AMP
				122.50	295.23	359.53	125.14	236.64	215.42	140.16	92.95 PHASE

TABLE V.- Concluded

(b) Concluded

TORSION 75 PERCENT RADIUS											
RUN NO 38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
355	-4.57	4.63	612	3.81	.28	.66	.48	.52	.52	.46	.33 AMP
356	-4.76	5.88	611	155.99	278.82	288.71	68.86	355.28	235.81	68.55	336.91 PHASE
357	-5.88	4.94	611	3.84	.38	.63	.49	.48	.47	.43	.36 AMP
358	-5.22	5.39	612	151.85	382.11	228.75	78.92	19.27	247.68	78.88	7.86 PHASE
359	-5.43	5.49	612	2.97	.54	.66	.61	.55	.43	.37	.22 AMP
360	-4.96	4.46	612	138.76	295.78	289.11	67.64	358.69	289.89	42.91	339.21 PHASE
361	-5.18	4.78	612	3.88	.63	.77	.44	.66	.38	.47	.22 AMP
362	-5.38	4.99	613	132.88	299.83	286.68	64.59	18.12	216.81	65.17	324.89 PHASE
363	-5.45	5.24	612	3.87	.74	.82	.32	.73	.29	.41	.38 AMP
364	-5.59	5.45	612	123.37	383.29	211.83	56.25	18.18	188.78	62.93	328.83 PHASE
365	-5.69	5.42	613	3.24	.89	.45	.37	.43	.31	.32	.28 AMP
366	-5.76	5.36	612	159.55	358.24	288.72	64.32	8.98	253.21	88.26	9.71 PHASE
367	-5.32	4.65	612	3.23	.29	.58	.34	.45	.34	.29	.19 AMP
368	-5.43	5.81	612	158.45	344.16	224.51	82.31	4.35	239.51	76.22	355.79 PHASE
369	-5.59	5.16	612	3.21	.47	.55	.33	.62	.28	.29	.28 AMP
370	-5.72	5.29	612	139.48	327.14	217.94	58.11	1.46	284.83	46.88	323.83 PHASE
371	-5.79	5.16	611	3.28	.68	.75	.36	.79	.32	.38	.18 AMP
372	-5.89	5.34	613	126.48	386.16	288.95	43.86	352.81	182.21	22.84	383.28 PHASE
373	-5.96	5.25	612	3.23	.79	.83	.38	.85	.32	.38	.15 AMP
374	-5.69	5.42	613	127.81	317.84	216.59	65.81	38.53	216.54	58.85	355.48 PHASE
375	-5.76	5.36	612	3.38	.88	.91	.39	.94	.33	.38	.16 AMP
376	-5.32	4.65	612	117.78	386.31	281.89	38.62	16.91	183.14	27.31	321.91 PHASE
377	-5.43	5.81	612	3.39	.94	.97	.34	1.88	.31	.39	.15 AMP
378	-5.59	5.16	612	112.46	386.97	282.55	38.55	15.36	173.96	18.68	323.53 PHASE
379	-5.72	5.29	612	3.45	.53	.58	.27	.27	.27	.26	.22 AMP
380	-5.89	5.34	613	157.21	21.25	237.85	58.92	2.44	248.48	79.83	358.66 PHASE
381	-5.96	5.25	612	3.38	.61	.65	.24	.51	.28	.24	.24 AMP
382	-5.43	5.81	612	146.82	357.89	229.43	37.45	353.34	218.47	73.24	328.43 PHASE
383	-5.59	5.16	612	3.34	.72	.74	.24	.63	.16	.23	.26 AMP
384	-5.72	5.29	612	139.89	343.44	235.53	51.39	14.24	288.84	84.25	358.16 PHASE
385	-5.79	5.16	611	3.31	.89	.95	.26	.78	.17	.26	.28 AMP
386	-5.89	5.34	613	129.58	324.72	224.26	74.81	15.68	177.33	75.51	343.37 PHASE
387	-5.96	5.25	612	3.32	.97	1.88	.32	.74	.18	.22	.29 AMP
388	-5.43	5.81	612	123.79	321.11	221.18	78.86	23.77	171.18	69.86	352.76 PHASE
389	-5.59	5.16	612	3.41	1.88	1.89	.33	.81	.22	.22	.38 AMP
390	-5.72	5.29	612	118.31	316.79	216.22	72.58	26.79	168.66	52.95	349.18 PHASE
391	-5.89	5.34	613	3.51	1.16	1.14	.32	.91	.27	.18	.33 AMP
392	-5.96	5.25	612	118.44	389.76	287.96	52.81	21.25	142.22	15.61	332.68 PHASE

PITCH LINK											
RUN NO 38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
355	3.17	18.72	612	5.31	3.29	1.91	1.75	.59	1.83	.65	.33 AMP
356	3.81	12.96	611	337.88	96.85	267.57	161.53	254.18	128.46	6.23	323.39 PHASE
357	4.42	12.88	611	6.92	3.78	1.86	1.88	.51	.93	.85	.44 AMP
358	5.52	13.81	612	324.65	128.85	275.44	174.99	298.44	149.56	29.45	337.89 PHASE
359	6.62	14.87	612	6.74	4.12	1.53	1.78	.58	.61	.81	.31 AMP
360	4.68	11.77	612	388.36	118.18	288.71	175.14	289.41	114.88	15.13	385.55 PHASE
361	4.86	12.21	612	7.13	3.73	.74	2.32	.71	.37	1.14	.58 AMP
362	5.16	12.64	613	294.84	185.37	314.62	184.89	279.41	185.78	24.84	314.36 PHASE
363	5.88	14.62	612	7.89	3.84	.55	2.83	.89	.35	1.89	.73 AMP
364	6.18	14.81	612	278.86	94.13	49.92	188.41	266.73	8.73	25.95	385.38 PHASE
365	6.68	15.68	613	7.38	2.67	1.96	2.87	.58	.37	.46	.18 AMP
366	7.19	15.37	612	342.85	118.28	274.33	168.88	287.32	172.38	37.58	46.11 PHASE
367	5.71	18.86	612	6.91	3.85	1.41	2.14	.59	.41	.55	.12 AMP
368	6.18	14.81	612	331.76	128.55	272.85	165.22	312.41	153.43	23.28	329.41 PHASE
369	6.48	13.23	612	6.84	3.82	1.86	2.89	.97	.23	.28	.13 AMP
370	6.89	14.97	613	317.73	125.67	266.69	161.47	284.84	115.78	358.88	265.78 PHASE
371	6.59	13.47	611	7.26	4.14	.41	2.37	1.45	.22	.88	.14 AMP
372	6.89	14.97	613	383.32	115.89	285.61	158.65	269.91	83.26	337.77	238.68 PHASE
373	7.11	15.52	612	7.28	3.98	.31	2.68	1.62	.12	.76	.89 AMP
374	6.48	13.23	612	382.16	125.67	19.58	185.68	384.39	84.84	17.46	252.18 PHASE
375	6.59	13.47	611	7.59	3.74	.78	3.88	1.92	.18	.85	.15 AMP
376	6.89	14.97	613	289.74	112.38	51.66	171.76	285.64	48.33	358.58	213.19 PHASE
377	7.11	15.52	612	8.87	3.23	1.46	3.19	1.91	.22	.82	.18 AMP
378	6.48	13.23	612	279.88	186.23	63.61	178.18	288.28	33.56	348.24	175.77 PHASE
379	6.59	13.47	611	7.54	2.69	.81	1.75	.52	.46	.62	.89 AMP
380	6.89	14.97	613	342.28	131.24	263.95	161.82	278.11	168.57	31.19	358.19 PHASE
381	7.11	15.52	612	6.88	3.19	.41	1.92	.78	.38	.55	.86 AMP
382	6.48	13.23	612	326.78	134.88	274.33	159.88	263.48	148.94	28.25	339.28 PHASE
383	6.59	13.47	611	6.63	3.76	.16	2.17	.95	.21	.73	.21 AMP
384	6.89	14.97	613	321.98	139.35	334.58	178.87	273.55	89.61	21.87	326.72 PHASE
385	7.11	15.52	612	6.93	4.27	.78	2.26	1.13	.28	.98	.28 AMP
386	6.48	13.23	612	311.23	134.38	48.18	178.37	273.36	34.83	14.51	388.63 PHASE
387	6.59	13.47	611	7.81	4.32	.98	2.31	1.23	.43	.89	.17 AMP
388	6.89	14.97	613	386.44	134.37	51.28	175.98	279.76	21.94	15.32	1.85 PHASE
389	7.11	15.52	612	7.79	4.62	1.37	2.62	1.54	.47	.95	.17 AMP
390	7.11	15.52	612	381.71	131.58	53.88	177.64	283.84	22.68	7.14	357.34 PHASE
391	7.11	15.52	612	7.93	4.43	1.94	3.88	1.82	.64	.91	.21 AMP
392	7.11	15.52	612	292.48	123.88	56.35	178.93	275.65	1.79	346.98	342.97 PHASE

TABLE VI.- ROTOR PERFORMANCE AND BLADE LOADS DATA FOR  
ACR BLADE WITH RECTANGULAR TIP AND 4° TABS

(a)  $\mu = 0.20$ ;  $M_T = 0.65$

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CM/SIGMA
168	-1.2	2.8	2.1	.05367	.00088	.00184
169	-1.5	3.3	4.1	.07184	.00109	.00237
170	-2.2	4.2	6.1	.08732	.00054	.00317
171	-2.3	5.4	8.0	.10218	-.00019	.00422
172	-2.9	6.4	10.1	.11556	-.00129	.00558
173	-3.4	7.0	12.1	.12696	-.00151	.00720
174	-3.6	7.4	13.1	.12887	-.00148	.00826
175	-.2	2.3	.1	.03602	.00116	.00161
176	.2	1.5	-1.9	.01860	.00132	.00143
177	.3	1.6	-2.1	.03225	.00519	.00102
178	-.3	2.1	.1	.05191	.00704	.00095
179	-.8	3.1	2.1	.06853	.00808	.00116
180	-1.6	4.3	4.1	.08354	.00819	.00188
181	-1.8	4.7	6.1	.10066	.00994	.00220
182	-2.1	5.4	8.1	.11576	.01069	.00317
183	-3.1	6.6	10.0	.12700	.00993	.00465
184	-3.5	7.5	11.1	.13100	.00907	.00558
185	-4.0	8.1	12.1	.13279	.00859	.00665
186	-.4	3.2	2.1	.03601	-.00226	.00228
187	-.2	3.7	4.1	.05448	-.00384	.00291
188	-.8	4.4	6.0	.06947	-.00558	.00367
189	-1.3	5.2	8.1	.08503	-.00746	.00481
190	-1.6	5.8	10.1	.10080	-.00883	.00582
191	-2.3	6.7	12.1	.11401	-.01093	.00756
192	-2.8	7.4	13.1	.11742	-.01216	.00850
193	-.1	2.4	4.1	.04078	-.00638	.00285
194	-.8	3.6	6.0	.05463	-.00916	.00382
196	-1.4	4.6	8.0	.06939	-.01232	.00500
197	-1.8	5.2	10.0	.08592	-.01530	.00630
198	-2.4	6.0	12.1	.10069	-.01829	.00780
199	-2.5	6.3	13.1	.10713	-.01945	.00872

TABLE VI.- Continued

(a) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO 34											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
168	50.82	12.60	600	4.32	3.82	.46	.52	4.54	1.62	.60	1.40 AMP
				143.55	328.83	338.59	139.39	331.82	272.92	38.47	296.41 PHASE
169	52.69	14.92	600	3.80	3.66	1.21	.61	5.53	2.10	1.83	2.19 AMP
				142.81	333.40	312.17	172.66	327.74	278.30	356.84	289.89 PHASE
170	54.95	16.27	600	3.35	3.00	1.89	.95	6.34	2.45	1.55	2.93 AMP
				129.83	339.83	297.22	192.74	307.64	268.73	350.70	271.42 PHASE
171	57.81	17.40	600	3.34	4.54	2.21	1.24	6.57	2.50	1.60	2.97 AMP
				113.26	352.86	294.30	228.31	299.43	258.73	341.50	267.24 PHASE
172	59.89	18.89	600	3.57	5.61	2.80	1.79	5.86	2.80	1.11	2.77 AMP
				82.31	4.58	272.59	183.54	382.46	227.95	355.89	268.50 PHASE
173	60.77	20.77	600	5.50	5.10	5.10	3.87	3.85	1.82	1.63	1.66 AMP
				58.30	3.24	224.72	286.95	267.39	217.88	348.29	291.77 PHASE
174	60.97	25.00	600	6.77	6.96	7.10	3.23	.89	.88	2.67	1.87 AMP
				50.43	354.92	234.60	182.37	250.50	127.50	28.34	271.57 PHASE
175	47.23	13.24	600	5.41	4.53	1.14	1.83	3.37	1.55	1.46	1.30 AMP
				141.39	310.83	80.64	62.73	316.53	250.60	110.86	296.92 PHASE
176	44.80	12.44	600	5.41	5.37	2.52	1.20	2.62	1.36	.69	.97 AMP
				141.85	321.88	184.53	67.24	349.13	274.83	165.05	339.92 PHASE
177	45.70	12.84	600	5.97	5.20	2.17	1.30	2.83	1.19	.44	.56 AMP
				147.53	389.85	186.11	77.72	.97	277.88	189.50	316.60 PHASE
178	48.37	13.11	600	5.76	4.40	1.32	.90	3.82	1.83	.50	.83 AMP
				158.90	389.46	89.30	185.36	355.87	278.93	161.80	317.55 PHASE
179	50.74	12.33	600	5.50	3.72	.89	.67	3.12	1.40	.44	.92 AMP
				148.80	389.59	48.87	153.46	348.70	267.60	150.12	317.41 PHASE
180	52.90	11.62	600	5.16	3.23	1.26	.83	3.82	1.51	.34	.60 AMP
				137.56	311.81	347.69	210.70	296.89	227.16	150.86	239.64 PHASE
181	55.25	14.31	600	4.29	2.60	1.79	1.76	4.81	2.82	.75	1.23 AMP
				131.92	324.61	320.21	225.65	290.50	228.96	231.74	190.49 PHASE
182	57.37	17.61	600	3.77	3.86	2.38	2.61	4.20	2.63	1.80	1.78 AMP
				114.46	339.69	284.89	231.82	287.27	219.34	219.80	188.17 PHASE
183	58.81	21.24	600	4.24	3.86	2.13	2.63	3.82	3.85	2.41	1.80 AMP
				81.11	350.31	233.32	196.46	238.18	191.15	177.49	126.46 PHASE
184	59.35	25.45	600	5.20	4.21	3.95	2.63	6.60	3.54	1.45	1.40 AMP
				69.14	350.80	217.81	238.17	256.71	223.65	233.43	135.23 PHASE
185	59.66	24.70	600	6.35	6.50	6.59	2.29	5.66	1.47	1.10	2.10 AMP
				58.19	350.61	245.69	261.42	265.13	219.40	75.51	115.53 PHASE
186	48.49	9.87	600	5.81	4.83	1.80	.79	2.80	.90	.19	.75 AMP
				141.14	339.39	83.99	32.70	329.47	284.39	54.16	384.45 PHASE
187	51.16	11.94	600	4.75	3.91	.32	.24	3.65	1.33	.79	1.47 AMP
				145.11	344.73	1.44	12.71	324.88	284.83	25.54	287.83 PHASE
188	53.42	14.40	600	4.20	3.79	1.81	.57	5.10	1.81	1.25	2.87 AMP
				136.84	347.21	295.20	287.11	380.70	247.21	353.46	252.37 PHASE
189	55.77	17.27	600	3.79	3.93	1.66	1.35	6.41	2.22	1.60	2.40 AMP
				128.78	7.82	296.21	288.84	328.40	263.71	25.81	287.85 PHASE
190	58.34	18.66	600	3.49	4.72	2.10	2.13	6.10	2.60	1.36	2.68 AMP
				183.72	15.77	277.40	198.89	318.92	241.76	9.58	278.28 PHASE
191	60.50	21.64	600	4.40	5.65	2.50	2.92	5.60	3.12	2.22	3.35 AMP
				73.98	31.70	234.18	196.31	311.44	264.89	355.19	291.37 PHASE
192	61.13	25.14	600	5.67	6.29	4.20	2.73	6.55	2.11	3.82	3.84 AMP
				60.92	23.81	221.66	168.13	389.65	264.80	349.66	271.32 PHASE
193	50.80	9.86	600	3.67	3.27	.37	.35	2.84	.68	.38	.71 AMP
				148.20	358.54	41.28	56.55	349.34	293.85	69.89	318.60 PHASE
194	52.42	18.71	600	3.88	3.38	.80	.14	2.90	.50	.70	.85 AMP
				136.73	355.60	389.10	47.80	315.25	264.27	18.41	255.99 PHASE
196	54.80	12.23	600	3.60	3.75	1.20	.30	3.55	.71	.76	.96 AMP
				127.54	8.92	299.25	192.68	314.84	249.46	19.91	257.33 PHASE
197	57.56	14.80	600	3.22	4.52	2.87	.82	4.49	1.13	1.85	1.33 AMP
				185.10	12.91	275.14	169.56	293.63	284.74	7.30	212.33 PHASE
198	60.16	17.14	600	3.74	5.71	2.83	1.32	4.54	1.39	1.31	1.40 AMP
				74.76	12.60	257.77	146.23	288.28	184.41	345.10	182.92 PHASE
199	61.21	21.30	600	4.93	5.90	3.80	1.87	6.66	1.48	1.97	1.43 AMP
				65.83	24.88	246.83	162.20	292.85	231.88	337.33	198.70 PHASE

TABLE VI.- Continued

(a) Continued

CHORDWISE 25 PERCENT RADIUS											
RUN NO		34									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
168	58.68	31.24	600	21.07	4.27	.50	1.00	6.73	1.16	1.62	.49 AMP
169	49.68	57.96	600	388.74	134.64	211.41	358.74	245.05	176.45	24.50	334.94 PHASE
170	48.00	72.99	600	36.30	5.02	7.10	3.29	4.92	5.67	2.15	.83 AMP
171	47.26	97.91	600	326.99	126.71	157.62	345.90	244.95	152.47	62.74	346.07 PHASE
172	47.09	109.47	600	81.70	5.34	10.97	4.17	4.37	6.05	.89	.68 AMP
173	49.33	140.01	600	332.68	124.55	166.10	329.46	197.40	119.40	3.19	326.77 PHASE
174	51.42	156.09	600	71.96	4.41	14.23	5.30	7.49	7.74	2.15	.45 AMP
175	46.30	29.47	600	348.26	130.11	184.34	329.27	146.53	94.34	319.66	337.52 PHASE
176	46.98	28.08	600	91.06	.90	14.42	5.53	10.05	2.02	5.04	1.57 AMP
177	46.41	25.37	600	345.73	249.69	207.04	339.48	144.10	60.11	333.74	30.70 PHASE
178	44.33	36.47	600	109.13	3.90	3.09	2.00	21.21	15.56	6.67	1.92 AMP
179	42.20	50.12	600	350.27	204.43	219.75	107.69	161.00	127.43	146.20	229.05 PHASE
180	40.71	62.41	600	117.21	13.24	3.07	3.29	13.00	10.92	4.96	2.19 AMP
181	38.09	85.31	600	5.77	251.40	197.99	206.72	212.39	214.90	223.14	29.00 PHASE
182	38.09	104.93	600	12.73	3.19	3.07	1.99	4.69	7.71	1.46	.44 AMP
183	39.59	119.41	600	275.36	147.65	261.37	37.20	254.33	106.95	40.52	302.27 PHASE
184	41.50	129.27	600	5.67	2.05	1.40	2.15	5.22	5.64	.90	.36 AMP
185	44.21	150.24	600	260.00	130.30	251.73	73.57	207.96	100.92	90.26	12.74 PHASE
186	46.56	25.09	600	11.90	3.07	4.26	2.34	3.34	5.67	1.17	.09 AMP
187	46.04	43.97	600	266.02	125.60	239.04	66.04	279.73	192.65	73.40	52.02 PHASE
188	46.32	61.55	600	23.63	4.99	2.90	1.60	5.33	5.40	.79	.46 AMP
189	46.42	84.09	600	294.07	124.94	291.93	69.50	253.22	304.56	53.05	30.57 PHASE
190	46.27	100.00	600	35.49	8.41	2.15	1.73	6.69	1.74	1.71	.43 AMP
191	40.05	129.32	600	313.60	117.47	171.06	12.60	274.60	79.16	60.00	.01 PHASE
192	50.09	147.53	600	40.04	10.16	5.53	3.19	4.60	1.33	1.15	.37 AMP
193	47.00	30.10	600	317.71	107.93	162.95	335.59	256.40	139.24	55.35	337.94 PHASE
194	48.04	45.16	600	66.15	12.33	12.93	3.77	2.25	2.54	1.64	.54 AMP
195	48.70	63.94	600	330.07	103.44	179.37	331.10	115.20	65.45	233.55	304.05 PHASE
196	49.41	85.79	600	85.30	11.75	10.11	4.90	8.74	5.33	2.74	.23 AMP
197	49.03	109.10	600	345.49	99.69	195.95	310.09	163.75	166.55	200.90	335.42 PHASE
198	51.57	128.52	600	99.55	7.99	11.33	4.94	7.75	6.43	5.31	1.37 AMP
199				349.03	96.19	223.01	391.70	140.25	304.67	341.04	73.10 PHASE
				106.06	4.91	6.43	4.00	10.64	10.69	9.09	3.15 AMP
				355.00	100.90	240.64	40.15	145.29	00.03	112.15	193.22 PHASE
				110.62	4.24	7.35	1.30	23.52	20.73	14.21	4.40 AMP
				.96	219.97	221.33	120.07	104.15	193.03	004.74	295.20 PHASE
				12.61	3.66	3.30	1.11	4.03	2.36	.60	.21 AMP
				209.04	171.79	207.79	345.94	261.23	224.00	50.77	313.52 PHASE
				29.30	4.12	3.06	3.75	6.15	6.95	1.50	.35 AMP
				324.47	150.71	169.04	342.62	240.94	165.39	07.07	2.06 PHASE
				44.90	3.44	7.35	4.10	4.72	5.74	1.17	.27 AMP
				331.40	150.05	164.46	333.33	191.14	130.21	75.53	326.47 PHASE
				54.21	1.61	11.71	4.14	0.03	6.13	.79	.54 AMP
				343.66	162.77	100.31	350.97	175.00	119.15	340.16	351.47 PHASE
				06.45	1.37	13.96	4.63	12.47	5.32	3.14	.75 AMP
				350.07	337.61	203.40	350.44	160.92	73.50	343.12	0.69 PHASE
				100.00	7.11	6.29	5.20	17.01	15.10	5.66	.97 AMP
				359.01	316.26	253.30	62.10	166.64	93.92	94.99	106.70 PHASE
				115.22	11.79	.01	2.51	23.02	17.34	6.50	1.20 AMP
				350.65	302.00	293.45	96.24	173.22	140.20	127.47	140.19 PHASE
				10.53	3.51	2.50	3.09	4.00	5.15	.91	.20 AMP
				335.20	169.19	161.00	.79	202.19	179.79	07.30	37.00 PHASE
				30.15	3.10	6.36	3.60	2.72	4.10	.79	.12 AMP
				336.42	175.27	161.46	353.77	212.00	172.01	03.00	353.25 PHASE
				49.13	2.05	9.96	4.20	5.03	1.65	.53	.25 AMP
				343.02	214.35	102.06	6.60	177.40	159.76	344.12	20.07 PHASE
				73.21	3.20	14.36	4.90	10.00	3.90	1.50	.39 AMP
				347.03	267.41	104.65	4.51	151.49	30.96	331.62	337.11 PHASE
				97.35	7.06	15.96	4.93	13.99	7.05	1.76	.36 AMP
				340.19	276.02	103.04	356.60	144.15	19.19	332.39	336.70 PHASE
				100.24	9.63	10.03	2.30	10.17	12.50	3.10	.53 AMP
				350.16	290.97	107.20	13.73	161.52	91.22	73.64	201.00 PHASE



TABLE VI.- Continued

(a) Continued

TORSION 28 PERCENT RADIUS											
RUN NO 34											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
168	5.22	2.99	688	1.56	.36	.35	.38	.78	.28	.84	.82 AMP
				46.85	344.12	188.52	175.48	223.71	195.57	185.79	224.18 PHASE
169	4.54	4.24	688	2.16	.33	.51	.84	.38	.38	.84	.84 AMP
				45.76	19.53	142.86	177.72	216.87	196.68	119.18	328.78 PHASE
170	3.96	5.66	688	2.92	1.38	.51	.73	1.88	.28	.83	.14 AMP
				48.91	21.77	172.91	176.48	194.81	286.54	357.87	299.25 PHASE
171	3.29	6.88	688	4.87	1.96	1.84	.85	1.81	.13	.89	.22 AMP
				37.58	29.21	189.83	186.59	197.47	246.89	323.51	318.29 PHASE
172	2.33	12.61	688	6.12	3.25	2.49	1.88	1.18	.68	.25	.29 AMP
				31.27	48.73	199.18	232.76	268.77	358.99	73.84	219.24 PHASE
173	-4.42	22.38	688	18.79	2.84	4.52	1.37	2.98	2.78	2.18	.72 AMP
				25.73	59.61	254.62	31.74	175.78	267.68	346.76	48.44 PHASE
174	-2.71	38.78	688	13.79	2.54	6.13	1.41	5.18	6.35	3.58	.83 AMP
				21.34	22.47	277.52	338.15	267.99	332.76	36.51	25.81 PHASE
175	5.46	2.18	688	1.17	.46	.51	.87	.39	.25	.17	.84 AMP
				35.91	278.57	182.27	286.53	282.88	212.21	137.78	55.33 PHASE
176	6.84	2.58	688	.82	.79	.78	.87	.16	.28	.14	.81 AMP
				23.48	268.88	124.42	25.49	268.79	242.15	152.22	112.54 PHASE
177	6.28	2.98	688	1.25	.94	.88	.23	.12	.88	.88	.81 AMP
				29.18	252.12	121.48	94.85	.45	285.47	118.98	389.33 PHASE
178	5.49	2.97	688	1.66	.65	.95	.44	.25	.85	.83	.83 AMP
				36.98	259.28	116.22	183.74	247.78	123.58	83.64	136.87 PHASE
179	4.76	3.51	688	2.18	.11	1.12	.47	.38	.14	.88	.83 AMP
				38.18	294.35	123.28	146.46	227.41	192.18	112.14	183.31 PHASE
180	4.88	4.47	688	2.68	.68	1.18	.58	.88	.87	.89	.88 AMP
				31.49	49.88	128.13	148.17	178.48	124.16	69.19	68.98 PHASE
181	3.82	6.62	688	3.87	1.67	1.44	.72	.47	.28	.11	.86 AMP
				25.58	67.57	138.79	177.34	216.12	39.34	72.87	181.74 PHASE
182	2.83	9.84	688	5.57	2.17	1.48	.37	.48	.38	.19	.19 AMP
				24.91	78.35	189.48	314.94	113.15	138.88	218.67	171.78 PHASE
183	.27	17.97	688	8.53	2.59	3.28	2.36	1.47	1.38	1.34	.68 AMP
				18.53	71.81	229.87	328.23	48.89	95.31	155.39	216.21 PHASE
184	-1.19	22.75	688	18.92	2.15	4.46	2.98	3.77	3.89	1.87	.71 AMP
				18.18	69.99	268.89	12.79	145.89	218.78	279.72	359.28 PHASE
185	-3.35	29.49	688	14.11	2.57	5.42	1.97	5.12	6.15	4.43	2.78 AMP
				16.29	32.21	291.46	27.72	236.98	317.81	27.86	77.28 PHASE
186	4.71	2.35	689	1.51	.76	.38	.15	.28	.87	.81	.82 AMP
				58.85	328.93	194.11	141.43	215.69	222.91	48.63	152.79 PHASE
187	4.11	3.32	689	2.18	1.83	.57	.42	.42	.22	.84	.84 AMP
				47.81	346.62	288.44	173.58	228.56	233.28	131.88	355.44 PHASE
188	3.52	4.39	689	2.72	1.29	.72	.59	.54	.25	.85	.84 AMP
				48.44	358.65	193.18	163.68	288.43	198.47	69.29	318.72 PHASE
189	2.89	5.79	689	3.58	1.64	1.84	.77	.85	.18	.84	.85 AMP
				41.88	13.16	285.91	181.83	225.37	258.75	118.91	337.69 PHASE
190	2.23	8.76	689	5.88	2.45	1.61	.84	.75	.15	.11	.88 AMP
				36.66	24.58	282.34	181.35	228.88	346.48	64.67	219.89 PHASE
191	.81	15.93	689	8.28	2.99	3.31	.91	1.12	.91	.88	.48 AMP
				36.34	56.65	243.18	12.19	154.31	251.49	324.11	13.68 PHASE
192	-3.37	28.81	689	18.44	2.85	4.14	.69	2.19	2.29	1.41	.36 AMP
				32.48	51.93	254.84	49.36	215.46	292.93	359.52	.84 PHASE
193	4.22	2.45	689	1.69	.74	.31	.21	.21	.12	.84	.82 AMP
				48.82	348.43	222.18	188.55	245.47	247.26	127.35	36.87 PHASE
194	3.57	3.15	689	2.24	.98	.43	.28	.24	.12	.86	.82 AMP
				42.34	348.89	215.25	179.15	288.26	194.21	188.16	313.18 PHASE
196	2.93	4.15	689	2.95	1.27	.64	.32	.47	.17	.84	.83 AMP
				42.77	.88	228.84	181.87	196.38	225.46	112.86	29.38 PHASE
197	2.34	5.53	689	3.88	1.82	.99	.43	.77	.17	.18	.82 AMP
				36.75	3.85	289.94	125.21	172.17	229.85	12.36	328.85 PHASE
198	1.85	7.42	689	5.28	2.54	1.28	.59	.92	.38	.21	.84 AMP
				33.22	3.69	288.11	82.98	158.88	239.51	338.87	251.52 PHASE
199	1.88	14.81	689	7.22	2.13	2.89	1.71	2.77	1.45	.72	.18 AMP
				36.31	23.75	249.44	85.78	169.38	248.34	333.88	13.58 PHASE

TABLE VI.- Continued

(a) Continued

FLAPWISE 37 PERCENT RADIUS											
RUN NO 34											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
168	34.68	14.25	688	8.05	4.92	1.38	.13	3.89	.57	.11	.25
169	37.12	16.18	688	143.56	324.68	317.79	96.52	334.78	286.46	311.33	91.91
170	39.35	18.24	688	8.23	4.79	2.34	.32	3.87	.82	.11	.54
171	41.61	19.58	688	146.05	324.14	316.32	228.95	338.15	294.88	42.89	73.42
172	43.76	20.41	688	8.22	4.79	3.19	.62	4.43	.86	.88	.88
173	45.33	22.65	688	143.84	325.48	384.83	231.46	313.42	277.27	57.84	58.18
174	45.25	25.37	688	8.02	5.25	3.49	.94	4.56	.77	.87	.93
175	32.82	15.83	688	141.34	332.79	385.58	254.46	387.11	274.52	32.56	56.24
176	29.69	16.23	688	8.66	5.57	2.66	.96	3.66	.58	.29	.92
177	38.11	15.28	688	137.88	344.17	388.98	181.47	311.73	268.18	355.32	46.95
178	32.69	14.87	688	8.37	5.12	4.69	2.76	2.98	.28	.36	.43
179	34.99	14.65	688	131.28	336.16	222.39	216.63	288.82	254.28	88.18	38.45
180	37.29	14.26	688	7.15	8.32	6.51	2.52	.66	.28	.21	.21
181	39.64	14.64	688	129.88	335.98	238.48	189.98	321.49	146.33	145.53	13.64
182	41.86	15.78	688	8.69	6.19	.98	.57	2.46	.54	.13	.18
183	43.38	17.61	688	136.97	318.58	52.87	67.51	319.45	278.18	336.34	187.26
184	43.86	21.88	688	8.28	7.12	2.21	.75	1.76	.64	.12	.15
185	44.83	25.17	688	137.88	322.29	86.89	72.11	353.34	294.33	387.35	165.81
186	34.13	13.84	689	8.86	6.97	1.68	.51	1.94	.59	.18	.87
187	36.67	13.65	689	138.73	312.53	76.48	86.45	356.49	299.53	288.81	172.53
188	38.11	15.28	688	9.38	6.18	1.12	.22	2.11	.43	.14	.86
189	34.99	14.65	688	144.87	312.59	38.11	168.74	353.83	285.84	223.98	118.48
190	37.29	14.26	688	9.54	5.46	1.68	.48	2.29	.58	.89	.16
191	39.64	14.64	688	145.37	388.51	354.83	232.95	348.58	288.11	294.14	135.18
192	41.86	15.78	688	9.68	4.67	2.69	1.82	2.29	.68	.85	.19
193	43.38	17.61	688	148.13	382.15	328.58	252.21	299.48	246.65	184.59	11.88
194	43.86	21.88	688	9.62	3.91	3.55	1.55	2.89	.88	.15	.39
195	44.83	25.17	688	141.53	383.91	322.96	249.75	295.96	258.88	231.64	1.67
196	43.38	15.89	688	9.63	4.33	4.16	2.13	3.24	.94	.28	.71
197	43.38	15.89	688	148.84	388.69	383.16	243.55	292.22	258.48	317.85	1.31
198	46.81	16.63	689	9.31	4.97	1.79	2.68	3.11	1.11	.28	.67
199	46.99	19.92	689	135.43	317.84	274.83	193.89	251.66	218.22	315.11	328.82
				9.83	5.73	3.17	2.96	4.91	.95	.21	.63
				133.88	319.32	218.33	227.55	271.48	247.45	68.89	323.21
				8.88	8.86	6.87	2.75	3.88	.68	.58	.68
				128.14	338.18	246.45	268.23	285.58	211.49	215.62	382.28
				8.42	5.46	1.15	.49	1.43	.34	.87	.13
				139.55	337.43	68.31	32.14	348.19	299.89	328.88	132.37
				8.88	5.84	1.89	.31	2.65	.47	.16	.23
				143.81	338.27	359.13	353.81	328.66	291.45	9.82	87.98
				9.81	4.65	1.92	.49	3.58	.68	.86	.51
				148.21	336.54	317.11	243.38	385.82	248.56	54.97	48.28
				9.28	4.43	2.65	.92	4.45	.75	.87	.62
				144.18	351.64	316.79	228.87	326.72	275.38	145.37	71.67
				9.26	4.64	2.85	1.45	4.54	.83	.15	.74
				148.47	358.63	382.47	211.49	318.26	251.33	47.38	58.52
				8.79	4.75	2.85	2.46	4.38	1.87	.54	.88
				138.72	28.16	244.23	287.65	322.86	267.48	85.35	74.25
				8.62	5.86	4.14	2.17	4.46	.85	.55	.79
				138.82	14.84	223.55	186.27	322.58	256.98	96.53	53.68
				7.63	4.22	1.81	.27	1.57	.32	.87	.82
				146.64	349.88	13.21	38.94	347.53	381.18	358.99	118.98
				8.11	4.85	1.47	.86	2.19	.28	.88	.13
				141.45	346.33	338.87	335.82	314.42	256.18	326.82	43.59
				8.21	4.18	2.87	.39	2.54	.28	.87	.28
				143.41	356.38	323.76	215.89	317.58	268.27	256.73	61.84
				8.32	4.41	2.84	.87	3.29	.33	.83	.36
				141.15	5.82	299.21	185.24	297.87	233.63	237.67	19.74
				8.48	5.18	3.38	1.26	3.47	.36	.11	.38
				136.78	2.47	282.88	166.62	285.96	224.72	8.93	347.61
				8.45	4.78	3.84	1.14	4.98	.36	.33	.48
				137.51	16.18	261.12	288.99	388.91	253.25	51.78	19.42

TABLE VI.- Continued

(a) Continued

CHORDWISE 37 PERCENT RADIUS											
RUN NO 34											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
168	33.12	28.44	600	16.63	3.45	1.05	2.19	6.91	1.12	2.61	.74 AMP
				297.48	132.16	257.31	348.74	259.81	193.48	28.45	99.48 PHASE
169	31.42	48.53	600	25.95	5.16	4.86	4.26	5.08	7.91	5.14	1.53 AMP
				323.48	125.28	176.69	345.77	268.58	147.69	72.22	47.38 PHASE
170	30.63	56.92	600	36.35	5.43	8.25	5.74	3.55	9.08	2.34	2.81 AMP
				330.11	123.45	184.17	329.15	236.19	113.67	71.57	52.52 PHASE
171	28.07	75.41	600	50.74	5.37	11.76	7.49	4.65	12.15	1.54	2.85 AMP
				338.51	124.87	201.67	329.47	145.07	90.31	314.87	56.42 PHASE
172	27.86	87.76	600	64.83	2.09	12.91	7.16	9.29	5.12	7.34	4.42 AMP
				344.57	146.71	222.62	341.08	144.34	65.96	327.93	53.68 PHASE
173	27.64	121.86	600	77.74	2.45	5.58	1.71	24.35	21.15	11.50	1.28 AMP
				357.04	230.19	239.98	170.13	167.33	130.47	138.96	72.87 PHASE
174	28.99	139.98	600	82.64	11.14	3.60	5.00	19.10	27.20	9.52	4.56 AMP
				4.76	241.52	256.17	223.67	216.26	218.85	197.49	56.09 PHASE
175	28.17	28.97	600	11.06	2.71	3.12	2.46	5.67	11.41	1.79	.52 AMP
				272.86	137.52	257.66	27.68	260.26	187.73	33.10	25.59 PHASE
176	28.56	22.33	600	6.00	1.81	.87	2.12	6.48	7.90	1.00	.08 AMP
				262.34	115.60	263.14	67.09	288.75	181.56	104.18	98.26 PHASE
177	28.41	25.99	600	10.97	2.73	3.18	2.48	3.79	8.22	1.45	.08 AMP
				262.88	115.96	239.45	61.76	284.75	190.93	68.21	29.49 PHASE
178	26.82	32.99	600	18.45	4.72	2.60	1.84	5.46	8.24	1.39	.97 AMP
				291.16	124.27	290.06	61.36	259.74	302.69	35.00	104.32 PHASE
179	25.01	43.12	600	26.39	7.86	2.02	2.23	6.96	2.62	3.71	.27 AMP
				310.28	117.87	217.57	12.47	203.15	60.93	65.05	30.98 PHASE
180	23.45	47.85	600	35.75	9.60	5.34	4.42	5.27	1.23	3.38	1.86 AMP
				315.54	107.90	190.05	333.34	269.51	120.65	49.21	359.90 PHASE
181	20.31	67.61	600	40.35	12.52	10.94	6.25	1.06	3.91	2.71	1.50 AMP
				334.52	105.05	200.30	324.98	39.63	50.67	201.55	349.54 PHASE
182	17.09	88.55	600	62.26	12.80	14.35	7.73	7.00	6.23	4.69	2.05 AMP
				343.71	107.72	218.01	319.59	176.36	150.40	287.11	356.83 PHASE
183	17.86	97.63	600	72.94	8.96	11.85	5.43	6.67	9.73	9.84	2.21 AMP
				340.29	111.27	245.81	356.42	169.20	307.59	334.26	31.21 PHASE
184	19.51	104.54	600	77.74	5.82	8.13	3.94	14.85	12.45	13.23	3.42 AMP
				353.19	129.66	270.43	38.45	156.52	81.60	106.20	195.98 PHASE
185	21.49	137.72	600	80.42	5.49	7.98	1.37	27.24	28.49	22.73	5.19 AMP
				358.35	212.12	264.19	251.00	196.52	203.32	201.02	279.17 PHASE
186	26.88	22.68	600	10.74	3.01	2.82	2.09	5.99	3.84	1.61	.58 AMP
				288.92	167.99	297.69	354.62	264.77	231.20	57.05	99.76 PHASE
187	26.13	36.65	600	21.59	3.48	1.00	4.48	6.87	9.35	3.81	1.10 AMP
				320.75	151.71	201.62	345.61	256.55	162.53	93.47	62.17 PHASE
188	25.73	49.06	600	31.86	3.21	5.19	5.07	4.43	7.93	3.87	1.40 AMP
				328.27	143.78	186.06	337.15	216.05	133.59	92.50	49.34 PHASE
189	25.10	63.04	600	45.15	2.32	9.11	5.46	5.65	8.98	1.26	1.71 AMP
				341.14	146.26	205.45	350.97	183.53	112.23	172.72	56.29 PHASE
190	23.67	77.63	600	60.95	.81	12.14	6.10	9.82	8.84	4.73	2.28 AMP
				348.66	101.45	217.82	350.20	173.43	65.71	341.54	45.78 PHASE
191	24.20	111.28	600	76.11	3.47	5.79	4.81	16.06	22.49	11.79	2.26 AMP
				350.37	312.20	255.55	59.05	163.02	92.00	94.70	77.80 PHASE
192	25.86	125.79	600	80.85	7.36	2.36	1.67	24.79	23.55	13.76	3.87 AMP
				357.49	295.14	240.11	127.49	177.23	139.39	120.00	60.64 PHASE
193	26.92	29.31	600	12.03	2.74	1.07	3.50	4.79	7.33	1.93	.64 AMP
				330.35	160.53	190.28	4.12	286.48	178.23	109.02	85.67 PHASE
194	26.76	37.18	600	21.94	2.37	4.03	4.28	3.01	6.05	2.56	1.17 AMP
				333.03	162.87	182.05	353.55	231.56	169.92	104.75	50.60 PHASE
196	26.42	49.24	600	34.29	1.93	7.33	5.51	4.07	2.27	.85	1.12 AMP
				341.45	195.79	197.66	6.68	196.31	159.00	166.07	72.96 PHASE
197	26.22	63.56	600	50.88	1.94	11.49	6.25	9.22	6.02	2.10	.82 AMP
				345.14	259.81	196.79	356.25	157.79	321.09	24.09	7.35 PHASE
198	25.53	83.28	600	67.95	4.67	13.60	6.31	12.58	11.10	3.36	1.52 AMP
				346.87	273.34	194.93	346.41	149.94	13.65	341.19	306.47 PHASE
199	26.58	102.77	600	75.30	5.38	10.28	3.71	17.38	10.92	8.22	2.41 AMP
				355.99	285.75	200.22	350.99	166.15	87.90	72.11	353.58 PHASE

TABLE VI.- Continued

(a) Continued

TORSION 36 PERCENT RADIUS											
RUN NO 34											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
168	4.27	2.66	600	1.74	.13	.36	.23	.69	.21	.03	.06
169	3.59	3.47	600	29.68	324.82	87.11	143.77	173.27	126.41	61.78	34.47
170	2.98	4.70	600	2.26	.49	.37	.39	.82	.20	.02	.04
171	2.37	5.90	600	33.86	12.97	113.77	142.38	167.98	130.23	104.40	29.76
172	1.53	10.69	600	2.88	.92	.51	.60	1.00	.13	.00	.05
173	-1.23	18.58	600	32.17	10.16	132.90	142.87	146.44	150.74	224.59	328.37
174	-3.42	23.13	600	3.78	1.43	.88	.76	.99	.11	.01	.07
175	4.65	1.97	600	31.19	14.35	149.96	151.57	151.85	293.28	171.02	297.00
176	5.29	2.01	600	5.40	2.57	2.08	1.49	.93	.66	.15	.15
177	5.34	2.43	600	25.43	26.88	167.11	202.19	229.89	329.04	49.46	136.45
178	4.57	2.65	600	9.44	2.36	3.47	1.21	2.28	2.22	1.66	.65
179	3.87	3.07	600	18.62	51.64	232.66	3.62	139.13	231.00	298.09	355.79
180	3.11	3.01	600	12.06	2.01	4.86	1.48	4.41	5.24	2.69	.63
181	2.26	5.73	600	12.78	10.70	259.61	298.76	237.04	293.56	348.74	342.65
182	1.41	6.56	600	1.44	.35	.44	.07	.39	.14	.10	.07
183	-.21	14.55	600	17.09	225.77	79.69	263.12	149.60	144.51	73.70	18.07
184	-1.66	18.58	600	1.09	.57	.56	.02	.14	.08	.07	.04
185	-3.76	22.61	600	7.47	226.71	103.97	358.83	184.17	169.37	70.40	66.67
186	4.01	2.19	600	1.40	.76	.62	.17	.02	.02	.07	.03
187	3.30	3.24	600	13.97	220.27	100.03	72.98	72.04	12.73	21.16	339.00
188	2.68	4.09	600	1.75	.57	.75	.38	.26	.10	.05	.07
189	2.04	5.20	600	23.50	227.00	91.48	74.48	176.91	48.22	308.78	42.64
190	1.40	7.28	600	2.12	.19	.99	.42	.44	.10	.07	.08
191	.00	13.67	600	26.53	223.75	98.74	112.56	175.39	117.70	23.33	37.03
192	-1.04	16.12	600	2.50	.35	1.02	.55	.61	.08	.11	.10
193	3.50	2.47	600	22.57	34.42	94.63	111.71	136.20	10.40	.17	354.49
194	2.07	3.08	600	3.46	1.22	1.30	.70	.44	.37	.15	.03
195	2.19	3.88	600	10.72	50.33	109.78	140.53	166.34	354.25	19.65	339.85
196	2.19	3.88	600	4.69	1.56	1.17	.22	.40	.28	.07	.07
197	1.54	4.97	600	10.02	50.29	140.37	277.61	72.59	55.51	163.03	80.05
198	1.04	6.31	600	7.13	2.04	2.46	2.10	1.48	1.21	.94	.45
199	.21	12.62	600	11.06	53.27	199.72	208.10	9.36	49.30	109.96	169.48
				9.29	1.72	3.47	2.49	3.17	2.44	1.54	.63
				10.09	55.20	238.63	341.36	105.31	179.72	237.61	308.48
				12.19	2.12	4.13	1.61	3.92	5.11	3.59	1.72
				7.32	17.92	272.13	352.31	203.89	279.04	338.41	25.06
				1.70	.49	.27	.15	.20	.06	.03	.04
				30.64	300.63	171.37	118.10	162.68	115.09	6.99	53.50
				2.30	.72	.53	.30	.42	.11	.04	.06
				32.00	331.42	173.79	139.80	166.16	170.18	75.07	2.50
				2.85	.92	.65	.52	.53	.10	.03	.06
				28.64	335.51	160.79	129.10	146.53	136.34	50.81	356.07
				3.55	1.21	.90	.66	.82	.09	.04	.07
				32.15	357.73	172.06	146.95	175.98	338.27	121.91	41.98
				4.63	1.90	1.35	.72	.69	.30	.06	.08
				29.65	8.98	167.37	145.74	103.00	339.59	37.70	102.45
				7.36	2.39	2.66	.84	.99	.58	.71	.30
				29.02	45.84	216.59	342.53	120.79	212.75	271.32	338.23
				9.20	2.24	3.20	.60	1.07	1.05	1.07	.31
				25.57	43.04	231.92	6.23	102.28	257.96	307.91	334.03
				1.93	.52	.30	.10	.21	.07	.03	.04
				34.70	331.91	190.30	150.97	107.44	179.02	70.95	33.61
				2.45	.71	.30	.24	.26	.06	.06	.03
				29.67	331.61	181.14	144.61	143.21	120.72	63.48	335.44
				3.04	.94	.54	.28	.47	.02	.05	.06
				32.32	342.54	105.61	147.11	147.40	181.15	94.37	355.04
				3.76	1.39	.81	.37	.72	.00	.01	.05
				28.45	343.04	173.68	86.95	129.54	227.52	285.95	350.81
				4.72	1.98	.65	.54	.82	.22	.09	.03
				26.50	343.17	169.07	47.74	111.31	223.40	264.25	316.46
				6.45	1.58	1.51	1.51	2.41	1.16	.54	.18
				29.59	13.01	224.35	55.72	131.36	213.93	278.79	333.00

TABLE VI.- Continued

(a) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO 34											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
168	21.99	14.97	608	9.73	6.19	2.50	.50	.46	.91	.56	1.34 AMP
				140.52	321.60	334.63	315.93	85.64	84.07	203.54	114.69 PHASE
169	24.50	16.61	608	9.89	6.16	3.00	.66	.59	1.10	.95	2.05 AMP
				145.48	319.70	330.27	313.59	86.56	85.06	171.20	106.91 PHASE
170	26.89	18.90	608	10.14	6.19	4.70	.84	.72	1.40	1.51	2.62 AMP
				146.22	318.00	319.30	297.09	58.35	66.85	169.04	90.00 PHASE
171	29.48	20.64	608	11.17	6.56	5.00	1.03	.97	1.67	1.79	2.71 AMP
				145.77	324.19	320.73	293.14	30.83	56.44	157.82	87.60 PHASE
172	31.94	20.70	608	11.42	6.99	4.05	.45	.97	1.50	1.32	2.54 AMP
				145.32	336.19	325.55	281.10	21.74	47.44	173.20	90.32 PHASE
173	33.64	21.71	608	11.51	6.70	3.30	1.76	1.79	1.21	1.02	1.09 AMP
				143.69	331.83	230.31	255.00	2.50	42.60	150.00	117.90 PHASE
174	33.40	23.15	609	9.90	10.91	5.01	.05	.33	2.78	1.35	1.35 AMP
				142.57	335.00	230.73	251.25	51.55	204.18	201.33	110.61 PHASE
175	19.42	16.92	608	10.64	7.73	1.70	.33	.16	.79	.48	1.23 AMP
				131.85	316.00	6.36	312.33	100.06	54.50	276.22	109.06 PHASE
176	16.91	18.66	608	10.53	8.93	2.34	.30	.35	.55	.53	.97 AMP
				130.87	320.36	50.40	326.10	191.51	88.42	327.22	160.00 PHASE
177	16.92	18.05	608	10.64	8.67	2.13	.26	.44	.50	.36	.43 AMP
				131.63	309.86	42.07	287.48	106.17	84.63	351.00	134.64 PHASE
178	19.63	17.81	608	11.04	7.65	2.30	.57	.29	.62	.77	.77 AMP
				137.75	307.99	9.19	272.09	156.44	88.72	299.24	144.56 PHASE
179	22.16	17.34	608	11.42	6.71	3.24	.62	.26	.63	.39	.87 AMP
				140.60	303.69	352.00	279.02	120.00	70.73	294.50	146.34 PHASE
180	24.77	16.49	608	11.80	5.77	4.37	1.07	.42	.91	.16	.46 AMP
				137.88	294.20	331.92	275.20	100.60	29.96	332.47	64.70 PHASE
181	27.53	17.84	608	12.47	4.94	5.46	1.40	.60	1.17	.50	1.02 AMP
				140.66	291.48	320.04	285.39	17.53	30.35	63.06	2.19 PHASE
182	30.19	19.07	608	13.02	5.24	5.66	1.27	.90	1.73	1.57	1.63 AMP
				141.00	297.95	318.30	277.44	29.95	34.06	30.33	356.16 PHASE
183	32.03	19.76	608	13.00	5.51	2.40	1.16	.07	2.10	2.13	1.63 AMP
				139.33	300.11	323.02	182.96	1.03	.09	353.07	296.42 PHASE
184	32.52	23.00	608	13.05	6.25	1.61	1.51	1.96	2.26	1.40	1.00 AMP
				139.11	312.96	211.49	216.76	15.70	39.09	60.09	295.70 PHASE
185	32.65	25.02	608	11.95	10.17	4.48	1.20	2.26	.81	1.20	2.01 AMP
				130.11	326.96	249.03	249.54	49.12	77.62	224.52	272.05 PHASE
186	21.00	14.06	609	10.35	6.76	1.95	.52	.14	.49	.20	.79 AMP
				136.76	333.91	27.30	319.40	117.62	93.83	220.64	110.59 PHASE
187	24.00	15.04	609	10.99	6.34	2.57	.68	.26	.71	.64	1.36 AMP
				141.03	333.31	355.90	311.48	72.62	72.43	205.47	105.51 PHASE
188	27.11	16.00	609	11.42	5.81	3.46	.76	.39	1.07	1.15	1.97 AMP
				141.31	323.76	327.93	204.02	36.14	49.92	160.36	60.90 PHASE
189	29.79	10.91	609	11.90	5.47	4.16	.84	.66	1.39	1.56	2.40 AMP
				147.09	340.13	332.76	200.03	50.17	67.14	201.54	104.71 PHASE
190	32.66	20.02	609	12.39	5.46	4.09	.91	.84	1.76	1.44	2.05 AMP
				147.10	345.60	324.21	260.34	30.07	49.90	105.69	80.82 PHASE
191	34.98	22.48	609	12.20	5.44	1.11	1.51	1.25	2.09	2.32	3.60 AMP
				149.92	10.02	276.34	242.01	36.46	73.05	171.37	109.55 PHASE
192	35.76	24.00	609	11.91	5.77	3.20	1.55	1.40	1.51	3.81	3.32 AMP
				145.06	3.01	222.10	230.47	47.15	71.20	166.83	91.30 PHASE
193	24.67	13.00	609	9.24	5.10	2.10	.41	.11	.19	.34	.70 AMP
				145.65	342.34	2.64	300.60	191.70	83.17	240.09	130.70 PHASE
194	27.03	14.25	609	9.96	4.85	2.76	.43	.05	.26	.63	.00 AMP
				143.30	336.32	330.56	207.37	276.62	53.13	106.70	71.60 PHASE
196	29.77	15.52	609	10.30	4.04	3.33	.46	.18	.30	.79	.90 AMP
				147.97	345.57	331.64	205.17	39.16	46.15	199.09	75.70 PHASE
197	32.60	17.54	609	10.76	4.90	3.79	.69	.35	.79	1.10	1.30 AMP
				140.09	347.60	312.60	254.03	40.10	14.55	190.20	31.22 PHASE
198	35.70	10.61	609	11.36	5.62	3.92	.96	.39	.97	1.32	1.41 AMP
				146.90	349.43	296.63	240.56	10.10	354.55	167.70	3.90 PHASE
199	36.69	20.10	609	11.49	5.15	3.53	1.29	1.07	1.10	.00	1.45 AMP
				150.62	2.62	272.07	264.06	32.57	30.91	157.45	23.20 PHASE

TABLE VI.- Continued

(a) Continuation

CHORDWISE 51 PERCENT RADIUS											
RUN NO 34											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
168	41.98	38.81	688	14.24	3.57	1.64	2.88	7.14	1.34	3.31	1.46 AMP
169	48.61	46.28	688	297.28	138.88	275.64	355.79	265.87	175.12	22.51	117.84 PHASE
170	39.34	52.33	688	21.26	5.36	3.87	5.87	5.86	18.89	7.27	2.73 AMP
171	36.94	73.94	688	322.84	133.24	198.15	347.71	278.41	146.94	88.85	64.51 PHASE
172	36.13	88.36	688	29.21	5.88	7.45	6.95	2.94	11.61	3.99	4.11 AMP
173	33.91	118.18	688	329.75	138.61	281.14	329.81	252.94	113.47	91.55	64.29 PHASE
174	34.65	135.38	688	48.52	5.98	11.22	8.94	4.13	15.75	.67	5.43 AMP
175	34.78	31.98	688	338.54	138.34	214.58	338.78	138.35	92.22	381.17	64.28 PHASE
176	35.43	25.57	688	58.98	3.27	12.86	7.93	9.21	6.73	8.64	7.18 AMP
177	35.55	27.85	688	344.89	141.88	238.85	342.55	139.58	73.84	338.86	68.97 PHASE
178	34.78	32.58	688	61.41	3.25	7.32	2.47	26.58	24.74	14.37	3.56 AMP
179	33.53	41.51	688	356.81	281.91	239.73	285.13	169.66	136.97	141.26	61.84 PHASE
180	31.83	45.52	688	63.73	11.28	5.39	6.62	22.89	33.57	12.84	6.88 AMP
181	28.89	64.51	688	4.95	238.95	268.55	234.18	218.45	224.93	197.86	61.53 PHASE
182	26.38	84.26	688	9.77	2.46	2.77	2.86	6.33	13.93	2.32	.69 AMP
183	26.13	93.93	688	274.32	148.85	265.84	388.66	266.59	188.55	38.59	68.81 PHASE
184	27.12	97.64	688	5.61	1.49	.59	2.38	7.18	9.36	.91	.63 AMP
185	28.75	135.99	688	262.71	185.48	296.96	72.88	291.86	182.17	183.17	156.78 PHASE
186	33.42	24.16	689	9.88	2.36	2.58	2.66	4.25	9.87	1.77	.27 AMP
187	32.38	37.54	689	262.86	115.36	246.66	68.13	287.43	198.51	64.88	165.29 PHASE
188	31.79	44.76	689	15.73	4.53	2.81	2.12	5.45	9.98	1.72	1.42 AMP
189	31.53	41.51	688	288.57	127.57	296.81	63.76	263.42	385.28	37.88	112.37 PHASE
190	31.83	45.52	688	21.82	7.36	1.97	2.78	7.11	3.75	5.15	.35 AMP
191	28.89	64.51	688	387.79	124.13	244.84	15.92	287.65	64.94	66.54	51.42 PHASE
192	38.23	121.71	689	29.83	9.17	4.74	5.38	5.52	1.58	4.98	1.56 AMP
193	32.57	34.24	689	313.84	113.41	288.22	333.33	279.18	182.48	53.32	68.89 PHASE
194	32.85	36.56	689	39.26	12.44	18.63	7.55	2.34	5.44	3.54	2.58 AMP
195	31.49	44.91	689	333.15	189.18	211.38	321.81	19.83	48.81	193.46	.35 PHASE
196	38.58	57.86	689	58.54	13.33	15.54	9.77	6.11	7.46	5.94	3.66 AMP
197	29.83	74.26	689	343.53	112.83	227.89	315.78	176.68	148.17	292.54	8.86 PHASE
198	29.71	95.84	689	58.91	9.89	12.93	5.89	5.87	12.83	13.54	3.83 AMP
199				348.18	116.18	248.31	346.92	178.43	311.76	338.29	31.29 PHASE
				62.61	6.45	9.47	3.41	14.97	13.63	16.33	3.29 AMP
				352.58	136.82	268.96	23.62	159.62	86.39	184.78	289.37 PHASE
				63.83	6.17	18.54	3.86	29.53	33.96	27.38	6.28 AMP
				357.41	219.82	275.76	282.38	282.85	211.57	284.49	279.58 PHASE
				9.28	2.57	2.88	2.44	6.48	4.63	2.81	.97 AMP
				289.96	166.85	389.55	2.83	268.62	231.88	58.45	116.18 PHASE
				17.93	3.41	1.38	5.19	7.43	11.79	5.79	1.93 AMP
				328.83	155.32	238.63	358.93	261.31	162.75	9.7	76.91 PHASE
				26.84	3.43	4.35	6.17	4.35	18.89	5.98	2.95 AMP
				327.76	147.73	286.34	337.61	222.92	133.39	182.83	57.14 PHASE
				36.68	3.83	8.37	6.62	4.83	11.65	3.85	3.16 AMP
				341.88	148.68	222.38	355.85	179.83	113.99	175.55	74.26 PHASE
				49.16	1.91	12.86	7.22	8.59	11.38	5.15	3.96 AMP
				348.33	121.88	228.98	347.22	171.39	69.75	347.11	68.34 PHASE
				68.88	.76	7.25	4.47	16.19	27.49	16.15	4.38 AMP
				353.49	314.23	254.28	58.12	159.57	95.57	181.51	76.18 PHASE
				63.67	4.34	3.88	1.84	25.66	27.79	18.83	6.34 AMP
				357.92	285.18	231.39	171.32	178.51	143.78	125.18	56.23 PHASE
				18.28	2.39	.53	3.97	5.34	9.87	2.69	.94 AMP
				328.94	164.52	223.98	18.65	289.59	178.84	111.82	91.36 PHASE
				18.14	2.28	3.14	5.85	3.38	7.52	3.79	1.98 AMP
				332.37	166.51	198.56	356.61	239.87	169.21	189.62	53.94 PHASE
				28.11	1.97	6.34	6.27	3.85	3.82	1.78	2.88 AMP
				341.31	194.88	212.33	6.47	198.96	152.76	178.97	79.86 PHASE
				41.12	1.29	18.77	7.89	8.57	7.32	2.12	1.64 AMP
				345.22	244.12	288.79	353.95	159.13	29.48	326.24	28.54 PHASE
				54.63	3.85	13.18	7.21	11.74	13.58	4.18	2.53 AMP
				347.19	274.84	285.35	342.27	151.67	16.88	354.88	319.65 PHASE
				68.88	4.86	18.98	4.42	17.87	23.23	11.64	4.52 AMP
				357.58	281.53	212.17	354.18	166.32	91.99	88.48	1.87 PHASE

TABLE VI.- Continued

(a) Continued

TORSION 5% PERCENT RADIUS											
RUN NO 34											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
168	.44	2.26	600	1.50	.20	.21	.16	.55	.17	.02	.10 AMP
				46.14	310.34	97.40	177.35	196.39	140.59	164.75	09.09 PHASE
169	-.02	3.11	600	1.90	.35	.21	.28	.67	.16	.04	.16 AMP
				40.07	353.20	121.25	171.92	191.15	140.93	124.39	71.14 PHASE
170	-.42	4.10	600	2.35	.65	.26	.44	.83	.05	.04	.10 AMP
				46.75	350.65	145.56	166.24	170.30	176.52	60.03	41.32 PHASE
171	-.79	4.74	600	2.96	.95	.50	.60	.80	.17	.09	.19 AMP
				47.02	4.20	162.14	169.10	175.99	341.16	47.57	40.11 PHASE
172	-1.35	7.05	600	3.99	1.67	1.36	1.15	.72	.27	.10	.10 AMP
				40.46	25.63	170.40	221.19	252.95	7.87	04.50	120.52 PHASE
173	-3.43	13.30	600	6.59	1.39	2.29	.77	1.53	1.77	1.47	.69 AMP
				29.91	52.06	246.74	16.17	167.55	273.77	338.91	51.00 PHASE
174	-5.39	17.70	600	8.49	1.57	3.23	1.41	3.22	4.22	2.29	.56 AMP
				21.70	7.97	276.10	314.24	272.79	332.50	30.07	30.50 PHASE
175	.10	1.74	600	1.23	.33	.25	.05	.31	.09	.07	.09 AMP
				37.57	256.83	91.51	251.41	177.46	156.59	91.59	76.75 PHASE
176	.67	1.60	600	.95	.52	.37	.02	.15	.09	.07	.06 AMP
				31.63	253.19	124.13	101.21	221.00	165.99	53.35	136.79 PHASE
177	.60	1.90	600	1.19	.65	.39	.14	.04	.05	.11	.03 AMP
				32.01	242.55	116.16	94.98	247.14	107.50	46.51	45.07 PHASE
178	.13	2.15	600	1.45	.55	.47	.20	.22	.11	.05	.09 AMP
				39.99	251.21	102.10	92.07	206.10	00.00	345.09	55.32 PHASE
179	-.33	2.22	600	1.60	.36	.56	.30	.36	.09	.00	.13 AMP
				45.64	259.64	106.79	125.00	195.76	130.64	.43	62.49 PHASE
180	-.79	2.54	600	1.96	.20	.42	.54	.54	.06	.10	.16 AMP
				43.05	291.41	99.74	124.60	159.05	30.22	354.67	16.05 PHASE
181	-1.23	3.03	600	2.30	.36	.03	.66	.54	.32	.24	.11 AMP
				44.10	30.03	113.01	146.10	184.93	7.61	37.91	50.02 PHASE
182	-1.52	4.41	600	2.92	.66	.90	.20	.21	.53	.23	.02 AMP
				45.04	31.12	132.00	166.95	101.30	63.15	130.29	170.06 PHASE
183	-2.52	10.79	600	4.34	1.24	1.57	1.45	1.49	1.35	.81	.20 AMP
				29.96	44.70	193.34	296.33	36.06	05.92	153.42	219.52 PHASE
184	-3.67	13.32	600	5.90	1.10	2.00	1.50	2.51	1.92	1.39	.65 AMP
				25.20	54.09	243.79	350.17	127.35	214.01	206.20	12.05 PHASE
185	-5.37	16.50	600	7.90	1.04	2.35	1.30	2.49	4.29	3.33	1.42 AMP
				17.66	19.90	202.29	355.70	233.60	316.72	21.00	02.95 PHASE
186	-.37	1.95	600	1.49	.45	.17	.13	.23	.06	.03	.06 AMP
				47.23	315.47	190.75	152.13	105.76	136.20	42.24	06.02 PHASE
187	-.01	2.63	600	1.95	.60	.34	.29	.34	.07	.04	.09 AMP
				47.09	329.14	107.95	170.23	107.24	105.56	120.07	50.70 PHASE
188	-1.23	3.11	600	2.40	.71	.44	.40	.44	.05	.04	.13 AMP
				43.05	333.14	176.36	160.01	167.96	124.62	101.55	34.22 PHASE
189	-1.65	3.94	600	2.90	.80	.62	.52	.70	.14	.05	.15 AMP
				46.02	354.87	107.07	177.31	190.52	23.29	161.32	03.59 PHASE
190	-2.00	5.37	600	3.61	1.20	.94	.60	.57	.31	.06	.15 AMP
				44.21	7.34	179.77	174.14	203.70	22.13	112.84	93.66 PHASE
191	-2.89	10.10	600	5.49	1.47	1.05	.60	.75	.50	.59	.32 AMP
				42.00	51.13	232.34	353.25	151.99	261.11	306.06	49.64 PHASE
192	-3.69	11.84	600	6.77	1.36	2.29	.41	1.33	1.62	.91	.37 AMP
				36.09	40.22	240.01	356.04	216.98	299.45	340.65	42.33 PHASE
193	-.56	2.09	600	1.67	.46	.20	.15	.10	.04	.02	.05 AMP
				50.28	330.94	206.04	174.19	209.61	192.77	96.56	81.01 PHASE
194	-.99	2.50	600	2.06	.57	.26	.20	.21	.04	.06	.04 AMP
				45.10	329.05	196.04	163.05	160.45	113.00	104.00	7.43 PHASE
196	-1.46	3.23	600	2.53	.71	.37	.23	.30	.02	.05	.09 AMP
				46.75	340.95	199.01	173.91	173.10	15.30	131.56	33.06 PHASE
197	-1.90	3.07	600	3.06	.99	.55	.20	.59	.07	.02	.09 AMP
				42.56	340.07	185.92	127.60	154.65	295.73	160.20	6.03 PHASE
198	-2.16	4.62	600	3.73	1.30	.60	.34	.64	.19	.05	.07 AMP
				40.09	351.25	177.32	04.46	136.40	264.24	240.37	333.65 PHASE
199	-2.02	9.54	600	5.00	.98	1.00	1.03	1.05	1.00	.42	.19 AMP
				41.10	10.40	241.05	04.30	160.23	257.01	313.13	9.47 PHASE

TABLE VI.- Continued

(a) Continued

FLAPWISE 77 PERCENT RADIUS											
RUN NO 34											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
168	4.58	19.57	688	9.26	5.68	2.74	1.84	4.79	.45	.74	1.72 AMP
169	7.18	21.48	688	141.69	297.88	358.53	38.48	149.12	189.82	.14	298.65 PHASE
170	9.98	24.43	688	9.13	6.19	3.78	2.54	5.84	.67	1.45	2.58 AMP
171	12.64	27.22	688	147.29	289.23	352.37	24.42	147.45	198.28	341.98	284.83 PHASE
172	15.47	28.84	688	9.57	6.28	4.47	3.16	6.93	.77	2.84	3.13 AMP
173	17.53	26.94	688	148.75	283.24	349.15	19.54	138.88	172.97	336.47	268.37 PHASE
174	17.29	26.52	688	18.77	6.28	5.22	3.59	7.78	1.24	2.59	3.27 AMP
175	1.41	18.33	688	147.95	288.82	356.18	32.38	125.88	185.85	319.86	271.19 PHASE
176	-1.11	18.19	688	11.18	6.34	5.67	3.88	7.51	1.53	2.38	3.82 AMP
177	-1.85	18.85	688	158.33	383.17	18.88	28.57	134.85	285.12	323.33	279.18 PHASE
178	1.84	19.84	688	11.59	6.56	3.98	3.45	5.72	1.69	3.88	2.78 AMP
179	4.48	28.61	688	154.22	314.37	56.49	34.19	118.84	284.88	388.69	389.21 PHASE
180	7.85	28.78	688	18.69	18.28	3.87	3.37	4.83	2.12	2.82	2.23 AMP
181	18.22	22.47	688	156.95	338.83	86.68	2.68	147.36	226.14	348.11	298.64 PHASE
182	12.94	23.62	688	18.33	6.52	2.27	.88	3.58	.38	.26	1.75 AMP
183	15.41	24.87	688	131.97	386.79	357.31	31.92	125.17	143.98	91.28	283.87 PHASE
184	16.35	27.94	688	18.77	7.49	1.82	.59	2.34	.23	.41	1.42 AMP
185	16.56	25.88	688	131.54	328.87	22.35	186.28	158.25	131.28	139.38	329.46 PHASE
186	3.41	15.53	689	18.16	7.68	1.72	.11	2.98	.63	.41	.67 AMP
187	6.16	18.86	689	132.66	382.82	18.29	97.14	163.26	132.52	146.77	388.94 PHASE
188	8.84	22.31	689	9.78	7.38	2.46	1.11	3.48	.55	.29	1.19 AMP
189	11.83	26.67	689	138.11	295.27	7.55	44.33	156.68	125.96	115.45	317.26 PHASE
190	15.21	29.21	689	9.49	7.82	3.19	2.83	3.86	.83	.26	1.26 AMP
191	18.23	31.38	689	142.29	287.87	4.37	48.83	149.48	137.91	186.71	318.77 PHASE
192	18.91	31.61	689	9.49	6.53	4.12	3.35	4.83	.86	.33	.84 AMP
193	6.31	14.25	689	148.68	275.27	355.92	38.73	111.93	126.78	236.44	252.39 PHASE
194	8.86	16.82	689	9.71	6.18	5.88	3.72	4.95	.77	1.89	.92 AMP
195	11.81	18.24	689	144.71	272.28	358.53	43.88	117.79	167.53	266.34	187.53 PHASE
196	15.28	21.46	689	18.83	6.89	4.38	3.15	4.99	.96	1.76	1.65 AMP
197	18.67	23.22	689	152.18	276.78	356.88	46.84	123.68	192.66	245.15	165.78 PHASE
198	28.82	26.61	689	11.17	7.42	3.55	3.16	3.35	.68	1.29	2.88 AMP
199			689	155.84	276.95	12.13	19.66	87.85	248.98	196.99	99.72 PHASE
			689	12.89	7.65	3.48	2.77	6.13	.76	2.32	1.85 AMP
			689	157.42	288.28	65.22	61.78	91.13	237.87	263.55	89.75 PHASE
			689	18.83	8.97	3.52	2.24	6.28	1.45	1.77	2.32 AMP
			689	156.52	323.86	186.17	181.56	189.32	235.18	338.88	74.33 PHASE
			689	18.86	5.61	2.66	.63	2.86	.33	.28	.96 AMP
			689	138.31	321.83	11.79	65.35	151.19	143.23	37.39	297.15 PHASE
			689	18.61	5.48	3.69	1.56	4.23	.59	.84	1.59 AMP
			689	142.56	389.99	5.84	44.18	145.94	171.79	2.87	281.87 PHASE
			689	11.81	5.34	4.58	2.69	6.85	.62	1.58	2.34 AMP
			689	141.69	292.61	351.31	24.85	123.86	162.14	324.33	245.33 PHASE
			689	11.65	5.29	5.39	3.67	7.88	.82	1.89	2.69 AMP
			689	148.89	291.47	3.51	37.11	143.52	189.18	354.18	288.44 PHASE
			689	12.56	5.86	5.94	4.74	8.43	1.82	1.94	3.18 AMP
			689	149.79	286.14	2.78	26.98	136.11	191.68	332.16	266.79 PHASE
			689	13.49	4.37	5.86	4.86	8.58	1.85	3.82	3.93 AMP
			689	157.36	384.44	31.63	39.82	143.44	218.43	338.88	287.72 PHASE
			689	12.89	4.76	3.41	3.71	9.86	1.53	4.53	3.62 AMP
			689	157.43	312.49	38.37	15.81	138.62	283.37	326.98	272.95 PHASE
			689	8.93	4.13	2.53	.91	2.23	.36	.49	.92 AMP
			689	146.18	323.81	18.92	54.97	164.88	132.98	52.78	314.78 PHASE
			689	9.32	3.94	3.11	1.34	3.32	.31	.88	.98 AMP
			689	143.88	383.84	353.98	23.32	138.24	98.73	352.25	254.32 PHASE
			689	9.78	4.16	3.91	1.95	4.17	.38	.93	1.15 AMP
			689	147.28	296.73	359.56	23.75	134.18	124.66	354.98	251.86 PHASE
			689	18.12	4.87	4.53	2.71	5.53	.22	.97	1.45 AMP
			689	147.25	288.66	351.12	1.59	116.83	93.28	346.32	284.34 PHASE
			689	11.88	4.14	4.64	3.31	6.22	.18	1.89	1.54 AMP
			689	147.37	278.83	342.49	344.38	183.39	92.14	331.28	167.76 PHASE
			689	11.66	3.98	3.88	3.16	8.77	.53	1.75	1.73 AMP
			689	156.89	282.78	359.75	359.82	115.82	179.28	315.85	182.18 PHASE



TABLE VI.- Continued

(a) Continued

CHORDWISE 77 PERCENT RADIUS												
RUN NO 34												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
168	68.26	13.65	608	2.84 184.48	2.61 293.88	1.71 334.89	2.11 4.38	2.95 185.98	.98 157.26	1.61 11.14	.58 287.67	AMP PHASE
169	61.68	21.36	608	1.47 238.87	2.82 281.88	1.49 388.12	3.43 353.35	3.84 158.49	5.82 148.36	3.84 63.99	1.38 322.28	AMP PHASE
170	63.38	28.45	608	2.27 292.84	1.56 275.69	2.16 271.68	4.42 338.44	4.31 126.88	6.88 111.34	1.54 68.77	1.38 389.91	AMP PHASE
171	65.55	28.33	608	4.82 328.69	1.38 381.45	3.34 264.32	5.15 339.16	6.88 189.89	7.67 95.11	1.49 291.21	1.71 324.89	AMP PHASE
172	67.14	29.44	608	5.97 334.45	1.84 335.21	4.83 261.25	5.58 342.81	8.12 118.55	3.68 98.48	4.87 313.56	2.32 349.75	AMP PHASE
173	67.52	48.43	608	9.17 25	2.21 267.95	3.56 263.49	2.52 13.87	12.62 146.46	18.49 138.28	3.31 143.61	3.47 349.87	AMP PHASE
174	67.18	68.51	608	18.26 11.15	6.21 284.21	3.24 281.89	2.92 384.77	7.96 284.18	13.63 219.37	3.91 281.84	2.52 8.44	AMP PHASE
175	53.18	18.56	608	4.56 152.39	3.92 384.58	1.45 332.26	1.47 21.11	1.73 188.83	5.64 178.36	.89 34.67	.97 289.87	AMP PHASE
176	51.27	15.27	608	5.77 148.92	5.11 321.88	1.37 25.78	.98 88.89	1.75 242.24	3.65 172.59	.59 138.98	.67 332.71	AMP PHASE
177	52.89	16.85	608	5.16 153.61	4.81 382.11	.75 348.69	.83 64.61	1.85 285.72	4.18 176.18	.76 84.74	.38 298.66	AMP PHASE
178	54.32	17.16	608	3.58 177.17	3.66 289.84	1.75 345.42	1.32 46.77	2.68 195.52	3.28 297.92	.72 46.89	.41 349.88	AMP PHASE
179	56.23	16.21	608	2.11 213.31	2.38 273.34	1.55 341.19	2.84 24.61	1.75 281.29	1.97 88.95	2.32 65.78	1.87 326.98	AMP PHASE
180	58.82	17.82	608	2.26 263.56	1.26 238.57	1.57 386.84	3.13 355.48	.97 118.69	1.45 97.49	1.84 47.44	1.82 312.68	AMP PHASE
181	68.23	19.13	608	3.77 319.99	1.31 146.93	2.57 265.38	3.82 348.98	3.42 84.36	2.65 57.12	1.76 288.21	.66 357.84	AMP PHASE
182	62.12	24.31	608	6.87 335.96	1.42 127.38	5.85 249.41	4.68 326.88	4.48 122.24	3.97 138.95	3.81 265.58	.91 54.88	AMP PHASE
183	64.13	33.61	608	8.43 346.89	1.43 135.76	5.24 253.78	5.22 339.28	3.78 85.87	3.87 389.39	4.86 325.88	2.75 63.44	AMP PHASE
184	64.93	39.56	608	9.32 356.25	2.88 212.93	4.83 278.54	3.87 38.91	9.25 121.89	4.28 91.87	4.43 94.89	.58 185.86	AMP PHASE
185	64.81	56.92	608	18.14 357.28	5.44 292.85	4.43 293.82	1.75 63.41	11.28 176.76	12.91 212.42	8.97 195.98	.88 44.24	AMP PHASE
186	54.12	13.29	609	4.86 156.11	3.26 317.66	2.14 354.66	1.17 9.48	2.88 224.68	1.86 215.68	.93 53.48	.34 387.65	AMP PHASE
187	55.48	16.12	609	1.85 176.77	2.62 318.87	1.97 351.82	2.61 358.33	2.98 191.32	5.32 154.16	2.33 83.72	.64 322.97	AMP PHASE
188	57.67	17.51	609	.79 264.15	2.16 296.58	1.88 313.63	3.56 345.24	3.93 133.36	4.97 123.99	4.97 87.97	.68 272.84	AMP PHASE
189	68.41	22.83	609	2.78 327.12	1.59 389.85	2.38 291.83	4.35 98	6.54 139.73	5.88 113.52	.85 172.31	1.35 386.85	AMP PHASE
190	63.29	23.21	609	5.58 341.98	1.58 342.65	3.46 266.87	5.29 348.98	7.64 133.94	5.47 77.75	5.47 338.68	1.57 298.78	AMP PHASE
191	64.92	39.97	609	8.47 76	1.86 28.68	2.54 276.46	4.64 25.87	11.61 138.27	11.66 97.88	5.33 82.35	2.66 3.16.63	AMP PHASE
192	65.61	58.11	609	9.56 3.24	1.23 383.29	2.11 253.85	2.26 354.84	13.94 153.84	12.39 139.99	4.98 187.87	3.18 3.1.41	AMP PHASE
193	55.49	15.24	609	2.38 157.77	2.11 323.89	1.57 2.17	1.88 19.17	1.67 238.34	3.81 168.58	1.34 96.63	.48 358.91	AMP PHASE
194	57.11	11.38	609	.49 189.84	1.86 385.98	1.24 321.18	2.63 358.25	2.18 152.87	3.21 155.28	1.55 87.83	.48 347.23	AMP PHASE
196	59.17	13.23	609	1.92 330.17	1.88 385.42	1.64 294.14	3.48 4.88	3.46 143.97	1.78 137.28	.39 147.89	.88 131.84	AMP PHASE
197	61.79	17.88	609	4.87 334.24	1.92 315.27	2.88 252.71	4.29 345.46	6.88 124.75	3.18 35.32	1.23 334.49	.56 228.77	AMP PHASE
198	64.15	23.76	609	7.54 335.44	2.74 321.53	3.73 233.67	4.67 328.19	7.85 116.98	5.62 18.88	2.38 348.38	.88 227.72	AMP PHASE
199	65.99	35.48	609	8.52 355.26	1.92 388.27	3.65 241.68	3.57 349.	18.87 133.88	18.87 98.63	18.87 64.42	1.18 322.62	AMP PHASE

TABLE VI.- Continued

(a) Continued

TORSION 75 PERCENT RADIUS											
RUN NO 34											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
158	-2.51	1.68	608	1.84	.12	.13	.15	.22	.12	.83	.89 AMP
159	-2.74	2.89	608	183.81	184.56	188.83	175.23	281.71	112.11	142.18	93.98 PHASE
160				1.38	.16	.21	.25	.27	.18	.89	.14 AMP
161				98.32	53.15	128.46	169.48	198.32	115.47	118.85	81.48 PHASE
162	-2.94	2.73	608	1.61	.28	.27	.39	.35	.83	.13	.17 AMP
163				78.78	28.56	126.17	163.96	176.96	62.57	181.25	69.64 PHASE
164				2.85	.48	.48	.54	.41	.18	.22	.21 AMP
165	-3.88	3.32	608	72.92	11.23	135.93	167.89	188.38	349.69	88.89	94.36 PHASE
166				2.77	.98	.98	.98	.48	.52	.36	.21 AMP
167	-3.35	5.83	608	59.95	37.21	163.11	213.27	277.89	18.13	112.36	123.43 PHASE
168				3.78	1.48	1.16	.67	.12	.54	.54	.48 AMP
169	-4.88	7.18	608	43.76	47.28	194.88	256.67	115.28	277.48	334.68	96.73 PHASE
170				4.45	1.55	1.42	1.55	1.19	1.66	.84	.27 AMP
171	-4.98	18.89	608	31.23	34.85	229.48	279.34	292.87	331.91	35.95	215.88 PHASE
172				.87	.15	.89	.11	.11	.87	.89	.86 AMP
173	-2.45	1.28	608	116.94	153.74	126.86	148.58	199.76	183.86	13.82	184.94 PHASE
174				.78	.16	.17	.18	.18	.11	.14	.85 AMP
175	-2.19	1.21	608	139.53	189.28	173.22	115.18	246.69	128.85	12.32	154.73 PHASE
176				.69	.21	.18	.11	.11	.85	.11	.82 AMP
177	-2.19	1.18	608	119.45	184.78	156.73	99.38	289.48	168.81	26.61	98.29 PHASE
178				.84	.18	.14	.14	.88	.84	.86	.86 AMP
179	-2.51	1.39	608	183.47	182.68	189.45	188.31	236.61	63.71	3.77	48.32 PHASE
180				1.86	.12	.25	.17	.15	.82	.88	.88 AMP
181	-2.77	1.69	608	94.65	161.33	118.48	131.36	215.96	118.94	348.22	61.46 PHASE
182				1.28	.87	.38	.27	.24	.85	.18	.18 AMP
183	-3.81	2.85	608	83.19	98.29	188.98	127.58	163.21	344.66	357.33	18.84 PHASE
184				1.58	.17	.49	.46	.38	.21	.22	.89 AMP
185	-3.21	2.63	608	78.95	58.86	118.86	133.91	181.68	356.51	44.28	52.89 PHASE
186				2.82	.32	.64	.31	.89	.45	.38	.84 AMP
187	-3.27	3.49	608	74.44	45.86	118.61	135.78	38.93	45.25	94.34	193.27 PHASE
188				2.68	.72	.88	.77	.81	.83	.45	.24 AMP
189	-3.72	6.61	608	53.41	54.82	175.89	273.88	19.25	74.45	141.43	236.95 PHASE
190				3.34	1.88	.82	.55	.88	.79	.51	.23 AMP
191	-4.13	7.29	608	43.21	51.44	283.45	291.48	115.86	192.29	278.59	6.42 PHASE
192				4.32	1.59	.93	1.38	.81	1.53	1.84	.25 AMP
193	-4.88	18.64	608	38.56	42.11	216.57	285.84	263.51	316.84	13.82	198.23 PHASE
194				1.88	.86	.13	.89	.86	.85	.83	.86 AMP
195	-2.67	1.39	609	112.86	59.22	196.15	152.84	194.16	111.82	48.52	72.55 PHASE
196				1.24	.12	.22	.21	.12	.84	.84	.86 AMP
197	-2.89	1.63	609	94.88	2.41	177.79	174.71	289.14	122.72	187.89	67.86 PHASE
198				1.58	.21	.28	.33	.16	.86	.87	.11 AMP
199	-3.88	1.88	609	81.23	353.71	168.18	165.17	184.11	51.39	81.62	45.66 PHASE
200				1.85	.32	.36	.45	.33	.14	.18	.16 AMP
201	-3.28	2.42	609	78.24	7.49	166.81	181.76	288.75	7.23	123.87	92.88 PHASE
202				2.39	.57	.54	.54	.28	.28	.13	.16 AMP
203	-3.41	2.97	609	69.87	17.43	157.98	176.22	228.42	19.68	128.96	83.84 PHASE
204				2.97	1.88	.79	.68	.24	.14	.34	.31 AMP
205	-3.64	5.61	609	61.57	35.63	195.75	264.86	6.44	285.23	263.82	59.95 PHASE
206				3.43	1.48	.99	.83	.48	.63	.31	.32 AMP
207	-4.89	6.28	609	46.98	33.75	213.16	275.66	385.67	318.36	2.41	95.95 PHASE
208				1.15	.11	.13	.11	.86	.81	.81	.84 AMP
209	-2.84	1.48	609	187.14	21.98	282.57	181.62	226.51	181.88	36.99	188.52 PHASE
210				1.36	.18	.17	.17	.85	.82	.84	.84 AMP
211	-3.84	1.65	609	98.26	357.57	182.74	172.79	185.26	113.91	186.82	29.51 PHASE
212				1.64	.26	.23	.24	.13	.83	.86	.88 AMP
213	-3.25	1.98	609	83.87	357.87	185.68	179.32	165.52	321.78	128.88	29.38 PHASE
214				2.81	.42	.29	.29	.21	.86	.86	.88 AMP
215	-3.46	2.43	609	72.24	358.72	165.11	151.58	146.66	278.88	138.66	4.57 PHASE
216				2.49	.66	.31	.28	.22	.16	.86	.88 AMP
217	-3.58	2.86	609	65.83	.88	142.81	123.13	118.88	222.98	173.89	3.89 PHASE
218				2.73	.96	.48	.23	.52	.62	.29	.18 AMP
219	-3.66	4.29	609	68.88	21.67	173.78	148.88	143.53	244.91	389.98	49.72 PHASE

TABLE VI.- Continued

(a) Concluded

PITCH LINK											
RUN NO 34											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
168	-2.59	4.41	688	3.36	.26	.38	.27	.85	.37	.89	.28 AMP
169	-2.18	5.51	688	218.15	147.28	387.48	343.16	64.19	41.16	188.98	84.52 PHASE
170	-1.61	7.47	688	3.98	.68	.32	.46	.98	.49	.13	.44 AMP
171	-1.26	9.51	688	211.72	198.58	347.87	346.58	55.99	36.82	155.26	76.32 PHASE
172	-1.62	15.18	688	4.97	1.13	.52	.64	1.26	.49	.23	.55 AMP
173	1.26	24.66	688	211.63	191.98	2.65	342.33	37.41	28.67	118.78	63.11 PHASE
174	3.81	38.86	688	6.33	1.68	1.13	.71	1.45	.36	.44	.68 AMP
175	-2.83	3.84	688	215.37	198.82	12.91	1.58	49.28	26.86	114.71	66.34 PHASE
176	-3.27	3.91	688	8.62	2.88	2.48	1.33	1.81	.23	.46	.95 AMP
177	-3.63	4.11	688	212.31	209.87	13.58	42.88	81.77	189.87	148.26	55.44 PHASE
178	-3.82	4.83	688	13.33	2.32	4.14	1.11	3.81	2.68	2.43	.46 AMP
179	-2.49	4.97	688	288.43	221.87	58.64	288.42	.48	62.92	147.65	133.98 PHASE
180	-1.89	6.57	688	16.44	2.55	5.18	.93	5.38	5.31	3.68	.65 AMP
181	-1.24	8.67	688	285.89	184.49	79.38	158.92	71.65	137.65	194.72	143.83 PHASE
182	-.43	12.34	688	2.51	.66	.48	.18	.49	.35	.28	.18 AMP
183	.87	28.48	688	215.28	68.27	287.23	188.32	59.93	19.96	322.39	72.89 PHASE
184	1.99	26.86	688	2.84	1.11	.73	.26	.35	.38	.24	.89 AMP
185	3.74	32.68	688	213.63	64.91	288.81	283.88	188.73	61.96	348.83	122.28 PHASE
186	-1.78	3.96	689	2.41	1.16	.77	.28	.27	.22	.17	.88 AMP
187	-1.35	4.83	689	211.88	55.43	288.41	235.48	152.82	88.23	357.69	78.64 PHASE
188	-.95	5.98	689	3.15	.78	.81	.34	.35	.11	.87	.13 AMP
189	-.59	7.55	689	288.89	59.16	298.27	258.93	182.27	96.53	343.19	67.18 PHASE
190	-.27	18.82	689	3.85	.23	.86	.36	.55	.19	.14	.14 AMP
191	.69	17.32	689	213.88	52.68	384.25	319.37	78.74	44.83	286.58	81.15 PHASE
192	1.52	21.11	689	4.78	.44	.79	.46	.77	.22	.89	.16 AMP
193	-1.18	3.84	689	212.14	239.83	382.43	327.21	32.77	356.37	274.21	334.86 PHASE
194	-.67	5.87	689	5.77	1.36	1.86	.68	.88	.16	.19	.29 AMP
195	-.27	6.26	689	287.39	249.39	328.83	355.73	56.97	2.22	1.21	347.29 PHASE
196	-.83	7.88	689	7.99	1.77	1.54	.45	.44	.68	.47	.55 AMP
197	.88	9.98	689	287.57	244.36	12.65	187.71	51.91	351.15	38.43	349.15 PHASE
198	.56	16.61	689	11.84	1.92	3.22	1.87	.52	1.36	1.36	.71 AMP
199				283.94	245.91	36.84	132.14	195.21	289.79	328.84	348.93 PHASE
				13.54	1.43	4.84	2.75	3.19	3.24	2.83	.24 AMP
				284.15	242.48	62.37	181.76	333.87	21.77	89.53	225.51 PHASE
				16.58	2.28	4.59	1.92	5.77	5.38	4.48	2.86 AMP
				283.19	197.38	98.69	288.51	48.75	118.22	191.33	246.48 PHASE
				3.15	.78	.29	.11	.44	.23	.87	.19 AMP
				229.88	123.24	35.31	268.43	79.39	25.89	48.74	63.97 PHASE
				3.62	.84	.55	.27	.66	.43	.86	.21 AMP
				228.86	143.33	43.79	333.41	74.42	39.24	127.82	67.92 PHASE
				4.42	1.82	.68	.41	.88	.51	.83	.38 AMP
				219.75	157.36	38.54	336.79	56.28	17.45	159.88	38.59 PHASE
				5.45	1.28	1.82	.68	1.34	.47	.17	.51 AMP
				221.97	178.36	32.28	354.88	78.66	39.87	176.48	76.21 PHASE
				7.28	2.16	1.77	.78	1.45	.49	.35	.69 AMP
				219.59	198.86	28.88	352.41	78.33	39.71	187.21	62.23 PHASE
				18.62	2.54	3.23	.71	.59	1.26	1.31	1.87 AMP
				219.72	217.77	58.48	288.54	42.41	49.63	148.71	114.89 PHASE
				12.98	2.51	3.97	.83	2.39	2.23	2.11	1.86 AMP
				215.73	289.99	56.67	244.61	47.48	85.69	161.86	93.59 PHASE
				3.83	.65	.39	.12	.45	.14	.88	.14 AMP
				221.41	145.73	42.89	338.71	96.87	48.86	253.42	97.38 PHASE
				3.84	.88	.55	.28	.49	.25	.86	.18 AMP
				221.64	153.43	48.15	351.95	62.46	18.35	251.39	41.68 PHASE
				4.83	1.18	.75	.23	.75	.28	.81	.19 AMP
				224.25	166.48	46.81	348.43	64.73	18.17	172.53	25.88 PHASE
				5.99	1.65	1.18	.41	.99	.44	.26	.34 AMP
				219.63	168.68	26.58	288.17	37.14	2.47	167.31	11.14 PHASE
				7.84	2.43	1.61	.78	1.85	.49	.58	.42 AMP
				216.88	168.48	17.73	252.39	18.68	2.97	141.67	356.48 PHASE
				9.95	2.88	2.15	1.66	2.55	1.48	1.13	.43 AMP
				217.61	179.36	47.17	255.33	6.32	38.57	136.36	28.83 PHASE

TABLE VI.- Continued

(b)  $\mu = 0.30$ ;  $M_T = 0.62$ 

PT.	A1	B1	THETA	CL/SIGMA	CU/SIGMA	CW/SIGMA
203	-.3	2.5	-.4	.03210	.00111	.00136
204	-.9	3.5	1.6	.04756	.00086	.00162
205	-1.2	4.5	3.6	.06398	.00071	.00203
207	-1.4	5.2	5.6	.08095	.00089	.00254
208	-2.3	6.3	7.6	.09383	.00004	.00362
209	-3.1	7.6	9.6	.10588	-.00143	.00508
210	-3.7	8.7	11.6	.11149	-.00254	.00716
211	.0	4.7	3.6	.04054	-.00266	.00276
212	-.6	5.7	5.6	.05565	-.00443	.00367
213	-1.1	6.8	7.6	.07005	-.00634	.00460
214	-1.9	7.9	9.6	.08436	-.00851	.00582
215	-2.4	8.8	11.6	.09735	-.01015	.00737
216	-2.8	9.3	12.6	.10256	-.01126	.00838
217	-3.0	10.0	13.6	.10434	-.01193	.00952
218	.1	5.2	5.6	.03483	-.00537	.00344
219	-.6	6.1	7.6	.05080	-.00858	.00474
220	-1.3	7.0	9.6	.06533	-.01147	.00618
221	-1.9	8.1	11.6	.07957	-.01465	.00772
222	-2.2	8.6	12.6	.08637	-.01600	.00860
223	-2.4	8.7	13.6	.09234	-.01687	.00953

TABLE VI.- Continued

(b) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
203	46.54	19.78	500	8.87	9.38	3.89	2.72	2.93	1.64	1.70	.29 AMP
204	48.63	17.67	500	145.03	344.28	116.28	69.57	61.05	337.84	265.19	41.55 PHASE
205	50.03	17.64	500	8.67	8.88	3.01	2.52	3.62	1.56	1.51	.35 AMP
207	52.90	18.31	500	140.73	338.00	102.09	67.63	31.99	311.91	247.72	252.71 PHASE
208	54.77	19.03	500	8.49	8.64	2.64	2.46	3.58	1.30	1.53	.50 AMP
209	56.46	26.04	500	139.54	341.98	98.63	80.24	31.70	303.86	260.22	257.14 PHASE
210	57.35	33.58	500	8.35	8.30	2.21	2.70	4.19	1.52	1.55	1.32 AMP
211	49.17	16.78	500	131.05	342.36	93.80	85.61	20.95	284.18	266.95	200.40 PHASE
212	51.50	16.43	500	7.99	8.50	1.72	2.59	3.51	1.73	1.56	2.22 AMP
213	53.65	15.84	500	117.04	339.72	89.36	78.09	354.60	248.19	235.25	152.84 PHASE
214	55.77	16.03	500	8.26	9.41	1.00	2.52	3.27	2.45	2.33	3.17 AMP
215	57.74	20.44	500	103.42	349.54	120.00	72.06	332.91	255.87	257.55	193.90 PHASE
216	50.53	24.74	500	9.89	11.06	3.00	2.82	5.67	3.00	1.96	3.00 AMP
217	50.90	28.26	500	82.34	347.83	250.65	80.77	329.24	316.50	338.50	229.00 PHASE
218	49.78	14.33	500	8.19	8.77	2.93	2.93	1.09	.49	.94	.24 AMP
219	52.14	14.09	500	139.69	339.90	100.20	33.79	28.76	282.92	210.91	330.53 PHASE
220	54.40	15.91	500	7.70	8.90	2.37	2.44	1.30	.55	1.09	.12 AMP
221	56.65	17.31	500	134.67	340.62	93.86	32.21	11.53	266.14	203.04	332.66 PHASE
222	57.02	17.06	500	7.52	9.11	1.71	2.21	1.57	.51	1.07	.16 AMP
223	59.05	20.44	500	127.03	344.73	94.95	35.19	7.02	244.00	202.57	19.67 PHASE
				7.09	9.45	1.17	1.70	1.65	.69	1.10	.15 AMP
				114.67	347.37	99.81	36.54	8.49	223.39	193.39	114.05 PHASE
				7.40	10.41	1.00	1.70	.21	1.61	2.00	.40 AMP
				95.65	352.01	144.02	31.07	268.40	226.07	226.00	145.50 PHASE
				8.26	11.13	1.25	1.92	2.59	1.64	1.90	.90 AMP
				86.20	354.63	196.36	35.77	306.62	270.56	277.23	235.04 PHASE
				9.54	12.17	2.13	3.29	3.00	3.02	1.20	.20 AMP
				74.61	349.90	219.22	43.93	326.40	312.71	329.02	254.63 PHASE
				6.97	7.16	1.59	2.49	1.71	.29	.44	.43 AMP
				141.23	352.50	102.96	41.61	22.46	307.96	244.10	307.91 PHASE
				6.70	7.37	1.07	2.34	2.19	.35	.45	.37 AMP
				131.69	351.53	82.93	33.73	11.52	230.92	219.01	273.20 PHASE
				6.55	7.93	.54	5.0	1.10	.35	.42	.42 AMP
				120.26	352.70	60.70	25.29	12.60	225.02	207.26	261.35 PHASE
				6.67	8.00	.41	2.04	1.91	.65	.35	.35 AMP
				104.17	352.30	314.93	17.12	3.74	221.66	193.66	229.77 PHASE
				6.90	9.20	.64	1.87	1.78	.67	.64	.35 AMP
				92.65	340.84	279.40	2.02	343.25	190.96	177.07	194.02 PHASE
				7.76	9.90	.81	1.90	1.20	1.20	1.36	.09 AMP
				80.45	349.43	239.20	350.76	295.20	202.43	211.75	102.42 PHASE

CHORDWISE 25 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
203	54.23	33.64	500	13.57	4.05	7.17	4.13	5.78	9.54	1.10	.99 AMP
204	52.03	46.07	500	279.32	164.76	200.45	135.25	317.45	319.04	166.72	03.60 PHASE
205	49.61	54.05	500	26.07	7.83	9.85	2.01	7.49	4.03	1.92	.92 AMP
207	46.50	75.22	500	294.67	172.89	200.11	74.02	297.42	343.52	61.61	26.19 PHASE
208	45.20	93.07	500	42.97	10.52	10.30	4.63	8.38	4.82	2.04	1.00 AMP
209	44.95	115.34	500	321.30	174.53	260.94	56.99	315.50	299.66	114.00	59.60 PHASE
210	49.02	155.39	500	61.53	11.02	15.40	6.22	6.39	5.24	2.11	1.45 AMP
211	48.18	40.23	500	339.27	176.27	252.92	66.00	312.97	341.20	333.49	36.00 PHASE
212	48.27	50.62	500	76.12	9.90	19.34	7.05	4.00	5.06	5.69	2.05 AMP
213	40.51	03.00	500	341.43	185.51	249.04	49.40	296.06	340.01	310.64	352.30 PHASE
214	40.53	105.79	500	93.06	11.03	25.10	8.75	1.20	7.27	4.30	2.53 AMP
215	40.91	132.33	500	351.50	209.00	265.66	49.31	204.25	34.99	347.69	30.22 PHASE
216	50.60	141.64	500	110.00	23.19	30.97	6.56	17.73	15.22	13.37	2.49 AMP
217	53.90	167.20	500	2.02	221.53	265.62	69.17	219.30	206.57	101.21	33.07 PHASE
218	40.41	37.50	500	24.20	11.67	8.50	3.40	4.37	4.72	1.12	.33 AMP
219	49.62	63.92	500	306.09	180.04	203.49	351.70	291.91	199.53	120.04	34.79 PHASE
220	50.95	09.75	500	41.03	13.36	10.69	5.41	4.65	5.92	.90	.59 AMP
221	51.06	116.14	500	325.00	191.34	257.55	12.51	312.10	250.51	200.47	67.01 PHASE
222	52.26	120.47	500	61.00	13.76	15.52	6.76	3.62	7.15	2.55	.34 AMP
223	53.22	150.95	500	336.43	206.04	254.70	27.25	303.47	291.16	200.49	65.50 PHASE
				82.31	14.29	19.55	6.06	3.00	7.46	3.00	.06 AMP
				341.40	222.50	256.40	33.15	269.57	311.72	299.23	311.40 PHASE
				106.10	19.21	25.99	8.24	3.19	9.79	3.43	.60 AMP
				351.06	235.71	273.13	46.29	215.99	5.02	20.03	332.32 PHASE
				115.63	24.52	20.04	6.72	9.33	7.35	5.07	1.00 AMP
				350.66	239.14	202.79	65.17	202.52	97.03	127.65	65.44 PHASE
				126.00	34.15	20.47	5.01	16.42	13.02	12.00	3.00 AMP
				1.74	236.37	201.44	76.70	207.63	175.37	154.99	95.55 PHASE
				21.21	11.66	5.45	4.67	2.01	6.31	1.30	.27 AMP
				325.75	203.65	204.05	12.50	270.73	257.10	140.32	116.56 PHASE
				41.40	13.73	9.93	6.30	2.53	7.75	.43	.30 AMP
				340.54	212.13	247.91	26.94	244.35	293.25	180.96	137.23 PHASE
				63.27	15.63	15.60	7.14	3.47	8.20	.07	.05 AMP
				347.32	223.03	246.59	30.96	226.35	310.59	297.43	270.05 PHASE
				89.26	19.00	20.02	7.37	5.43	8.30	1.50	.30 AMP
				350.46	233.94	240.00	27.50	214.77	334.04	317.47	311.91 PHASE
				102.26	21.00	21.60	7.42	6.49	7.66	2.01	.43 AMP
				349.33	232.34	241.71	12.40	195.92	323.92	322.07	207.34 PHASE
				120.09	25.54	24.36	7.30	6.94	8.49	3.60	.90 AMP
				356.05	235.20	254.10	16.95	104.51	12.46	5.41	1.01 PHASE

TABLE VI.- Continued

(b) Continued

TORSION 28 PERCENT RADIUS											
RUN NO		35									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
203	5.64	4.52	500	1.60	1.78	.79	.81	.25	.04	.19	.20 AMP
				47.30	299.83	154.93	61.32	290.51	24.40	252.61	202.16 PHASE
204	4.97	4.24	500	2.05	1.80	.66	.54	.47	.23	.11	.19 AMP
				49.44	300.90	143.44	58.75	278.70	239.31	227.65	184.79 PHASE
205	4.04	4.40	500	2.76	1.53	.63	.35	.27	.21	.17	.22 AMP
				47.02	315.21	180.73	22.50	200.00	235.14	217.39	185.35 PHASE
207	2.79	6.02	500	4.19	.95	1.06	.69	.25	.26	.24	.29 AMP
				41.69	320.73	231.94	356.20	297.51	229.52	220.44	214.24 PHASE
208	1.52	0.66	500	5.99	.71	1.94	.80	.52	.41	.16	.20 AMP
				35.23	359.10	237.73	355.46	249.35	256.39	207.77	197.60 PHASE
209	-1.40	13.90	500	9.34	1.24	2.94	1.35	1.94	1.49	1.06	.62 AMP
				33.76	65.39	249.36	65.06	210.51	257.48	205.70	315.00 PHASE
210	-3.54	29.63	500	14.27	1.70	5.65	.86	8.22	6.83	3.69	2.53 AMP
				27.73	14.25	201.67	249.53	263.40	316.32	345.67	13.14 PHASE
211	3.99	4.46	500	2.09	2.12	.85	.19	.21	.17	.04	.09 AMP
				59.77	315.33	210.93	32.07	350.75	153.15	124.24	130.97 PHASE
212	3.32	5.39	500	2.70	2.38	1.10	.13	.19	.12	.06	.11 AMP
				54.69	319.53	220.27	356.99	318.45	170.41	185.56	126.50 PHASE
213	2.59	6.50	500	3.55	2.61	1.60	.22	.23	.29	.16	.09 AMP
				49.96	326.79	233.79	352.37	325.92	190.70	249.14	134.91 PHASE
214	1.77	7.50	500	4.79	2.70	2.42	.50	.36	.37	.18	.04 AMP
				44.37	330.62	237.42	359.22	334.47	201.24	255.44	190.47 PHASE
215	.15	13.64	500	0.16	2.13	3.74	1.54	1.27	1.30	.57	.26 AMP
				39.26	353.21	245.05	63.70	167.79	243.26	295.05	210.72 PHASE
216	-1.13	17.02	500	10.60	2.13	4.33	2.19	3.04	3.00	1.57	1.09 AMP
				37.02	.24	253.26	117.79	219.45	275.46	320.21	342.37 PHASE
217	-2.70	23.93	500	13.21	2.47	5.95	1.71	6.76	5.20	2.74	1.70 AMP
				33.49	346.62	259.75	151.30	242.73	294.64	334.74	359.35 PHASE
218	3.53	4.33	500	1.00	2.00	1.01	.26	.10	.10	.07	.07 AMP
				62.64	327.70	247.31	60.10	323.49	103.29	169.77	147.12 PHASE
219	2.91	5.35	500	2.54	2.21	1.26	.26	.33	.20	.07	.00 AMP
				56.03	320.90	240.60	52.52	277.26	105.00	242.77	150.64 PHASE
220	2.29	6.45	500	3.32	2.57	1.50	.35	.41	.37	.17	.05 AMP
				50.90	330.97	250.37	46.40	261.36	200.95	206.97	163.54 PHASE
221	1.67	7.75	500	4.39	3.04	2.12	.53	.43	.47	.20	.04 AMP
				46.42	329.26	246.04	46.36	230.14	215.20	277.39	202.75 PHASE
222	1.36	0.57	500	5.15	3.22	2.61	.65	.43	.55	.24	.03 AMP
				41.90	323.75	230.22	33.36	190.22	190.13	260.39	171.10 PHASE
223	.52	12.29	500	7.41	2.07	3.43	1.44	1.20	1.03	.44	.25 AMP
				30.48	334.14	240.90	52.07	150.43	199.93	256.01	240.49 PHASE

TABLE VI.- Continued

(b) Continued

FLAPWISE 37 PERCENT RADIUS												
RUN NO 35												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
203	31.35	22.66	500	13.62	11.65	4.49	1.80	2.02	.68	.28	.27	AMP
				142.89	349.23	103.85	76.43	64.54	329.62	244.77	203.30	PHASE
204	33.39	22.48	500	14.15	10.86	3.71	1.79	2.49	.58	.36	.17	AMP
				139.46	343.37	85.54	76.25	37.44	292.16	216.98	177.91	PHASE
205	35.49	22.89	500	14.73	10.37	3.48	2.00	2.33	.52	.44	.07	AMP
				139.64	344.77	78.96	95.99	34.38	298.13	210.99	196.71	PHASE
207	37.44	23.20	500	15.39	9.94	3.39	2.36	2.83	.46	.45	.16	AMP
				136.25	342.77	72.61	101.53	23.20	286.51	218.01	16.05	PHASE
208	39.37	23.00	500	15.41	10.13	3.13	2.35	2.45	.49	.45	.00	AMP
				130.01	337.55	65.24	97.09	356.42	232.76	196.72	336.57	PHASE
209	41.33	24.54	500	15.46	11.22	2.70	2.03	2.44	.71	.40	.44	AMP
				128.30	344.52	78.34	98.47	338.36	227.64	203.04	31.43	PHASE
210	42.85	29.45	500	15.23	15.21	.49	2.52	4.22	.50	.67	.58	AMP
				122.14	342.11	170.77	106.04	341.00	328.00	171.13	86.01	PHASE
211	35.00	21.97	500	12.74	11.25	4.13	1.96	.71	.29	.25	.20	AMP
				137.07	343.61	87.55	41.04	9.28	271.06	205.70	102.59	PHASE
212	37.52	21.90	500	13.39	11.12	3.71	1.72	1.01	.29	.32	.14	AMP
				135.68	342.66	79.69	42.70	353.24	250.35	207.75	156.07	PHASE
213	39.74	22.14	500	13.82	11.20	3.32	1.55	1.16	.32	.36	.20	AMP
				134.39	345.40	80.06	51.96	345.45	247.03	225.63	152.01	PHASE
214	42.00	21.97	500	14.00	11.20	2.91	1.21	1.13	.32	.31	.13	AMP
				131.07	346.32	80.09	61.72	339.62	209.69	244.50	154.75	PHASE
215	43.97	22.65	500	14.11	11.93	3.00	1.03	.87	.55	.10	.12	AMP
				125.72	350.12	102.17	53.07	209.62	210.09	319.95	133.47	PHASE
216	45.06	25.91	500	14.02	13.09	2.74	1.53	2.01	.70	.08	.21	AMP
				124.97	351.13	116.12	47.51	313.98	270.00	130.05	119.32	PHASE
217	45.68	20.65	500	13.86	14.74	2.90	2.59	2.59	.82	.37	.29	AMP
				119.77	346.56	129.03	56.78	326.02	320.51	166.28	142.02	PHASE
218	36.63	18.16	500	11.03	9.11	2.93	1.51	1.36	.20	.21	.14	AMP
				130.99	357.21	90.50	44.32	15.11	277.27	219.54	166.93	PHASE
219	39.01	18.77	500	11.73	9.26	2.52	1.45	1.72	.27	.25	.17	AMP
				136.47	353.60	74.67	37.59	3.48	238.59	231.97	169.03	PHASE
220	41.38	19.44	500	12.23	9.08	2.28	1.20	1.63	.29	.28	.15	AMP
				134.96	354.00	66.79	33.73	.81	227.17	246.45	131.69	PHASE
221	43.07	20.60	500	12.70	10.66	2.07	1.95	1.50	.32	.24	.12	AMP
				132.35	351.59	57.69	25.04	350.39	214.93	263.47	122.45	PHASE
222	45.17	21.11	500	12.85	11.17	2.03	.00	1.52	.35	.25	.11	AMP
				128.22	345.71	51.89	8.95	329.05	194.14	261.01	91.70	PHASE
223	46.44	22.00	500	13.04	11.74	1.07	.94	1.40	.40	.09	.12	AMP
				126.44	347.29	81.03	340.37	298.16	211.41	293.67	47.62	PHASE

CHORDWISE 37 PERCENT RADIUS												
RUN NO 35												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
203	39.27	34.04	500	12.36	4.20	4.95	3.57	6.49	13.65	1.36	.77	AMP
				276.79	145.25	292.62	125.63	321.94	320.22	134.39	66.76	PHASE
204	36.69	42.36	500	20.01	6.17	7.62	2.67	7.91	7.01	4.20	.27	AMP
				291.37	159.50	207.20	74.42	301.95	346.79	61.10	329.60	PHASE
205	33.94	40.01	500	32.50	0.06	0.32	5.66	9.41	6.50	4.96	2.23	AMP
				317.54	164.31	274.00	62.59	315.77	316.42	115.31	30.47	PHASE
207	30.39	57.20	500	45.93	10.40	12.10	7.01	8.75	0.26	2.02	2.40	AMP
				335.19	166.93	267.54	71.79	317.00	352.76	305.97	17.57	PHASE
208	20.19	67.99	500	56.05	10.10	15.30	0.57	7.90	9.01	0.11	3.40	AMP
				337.70	171.00	263.25	53.74	304.39	355.76	300.61	339.02	PHASE
209	26.57	06.75	500	69.00	13.04	21.20	10.06	2.69	11.20	5.93	4.13	AMP
				348.35	192.95	200.22	51.00	314.75	34.50	320.42	21.00	PHASE
210	29.46	130.40	500	79.61	24.10	26.56	7.21	21.30	19.77	24.50	4.60	AMP
				1.65	210.09	201.56	79.38	234.20	219.51	102.52	21.10	PHASE
211	32.11	33.27	500	10.12	0.20	6.34	4.09	4.04	5.66	2.66	.60	AMP
				302.97	175.52	297.09	4.04	208.27	199.06	142.47	314.50	PHASE
212	31.72	47.76	500	30.36	9.47	7.00	5.92	5.71	7.97	2.44	1.00	AMP
				320.35	106.04	272.36	16.37	305.56	253.06	191.41	50.03	PHASE
213	31.20	61.01	500	43.72	10.04	10.64	7.45	5.02	10.06	4.00	1.26	AMP
				331.06	200.09	266.76	27.29	297.06	291.46	263.50	00.03	PHASE
214	30.37	77.53	500	50.05	10.52	14.12	7.50	4.43	10.92	6.96	.71	AMP
				337.15	214.10	267.04	30.16	272.01	311.15	206.79	147.04	PHASE
215	29.19	103.27	500	76.64	15.51	21.15	9.14	4.07	14.00	5.75	1.12	AMP
				340.49	225.07	204.03	43.36	229.22	350.70	9.07	200.06	PHASE
216	30.14	115.65	500	02.07	21.39	23.77	7.66	12.02	7.77	9.39	1.00	AMP
				356.29	220.66	295.27	65.61	211.56	07.00	135.20	45.36	PHASE
217	32.94	142.60	500	90.00	29.70	24.03	5.95	21.37	15.60	23.02	3.99	AMP
				.39	227.39	295.37	06.10	213.45	109.77	159.95	99.00	PHASE
218	32.00	33.11	500	15.15	0.26	4.02	5.31	3.41	0.24	2.49	1.02	AMP
				322.33	202.52	305.12	22.17	270.00	257.05	163.24	91.25	PHASE
219	32.51	51.09	500	20.00	9.07	6.30	7.04	3.12	10.00	1.91	1.30	AMP
				337.03	210.01	260.03	20.03	250.05	291.60	207.00	121.50	PHASE
220	32.09	67.07	500	43.09	11.47	10.30	0.06	3.64	11.66	2.39	.96	AMP
				343.54	221.13	255.20	29.79	241.29	314.16	267.05	120.24	PHASE
221	32.70	05.13	500	61.09	13.09	13.72	0.59	5.62	11.04	3.43	.37	AMP
				346.70	230.53	256.93	23.94	223.92	327.03	297.40	224.30	PHASE
222	32.52	92.65	500	71.26	13.50	15.22	0.61	6.05	10.99	4.04	.00	AMP
				345.70	229.63	250.95	8.95	201.71	316.16	305.74	240.70	PHASE
223	32.73	110.17	500	03.00	19.56	10.76	9.01	7.71	11.40	6.06	1.71	AMP
				352.79	231.07	264.63	11.51	109.90	3.17	.53	314.04	PHASE

TABLE VI.- Continued

(b) Continued

TORSION 36 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
203	3.51	3.72	500	2.04	1.40	.66	.64	.30	.05	.07	.12 AMP
204	2.00	3.70	500	26.75	273.29	144.97	37.60	252.06	100.25	173.30	137.44 PHASE
205	1.85	3.83	500	2.39	1.40	.60	.40	.52	.20	.01	.10 AMP
207	.60	5.55	500	20.90	275.70	131.75	32.50	235.24	175.96	121.70	120.73 PHASE
208	-.47	7.07	500	3.06	1.15	.67	.26	.33	.19	.00	.12 AMP
209	-2.24	12.15	500	30.65	290.40	162.07	333.66	237.30	166.77	144.99	131.50 PHASE
210	-5.29	23.63	500	4.20	.66	1.01	.85	.20	.25	.15	.16 AMP
211	2.02	3.07	500	20.81	306.43	200.34	300.46	239.41	149.96	172.60	175.21 PHASE
212	1.29	4.77	500	5.79	.47	1.71	.02	.50	.26	.00	.15 AMP
213	.54	5.62	500	24.06	347.09	207.44	307.04	203.97	193.77	203.12	154.96 PHASE
214	-.20	7.17	500	0.60	1.13	2.42	.00	1.79	1.23	.06	.50 AMP
215	-1.95	12.63	500	24.31	52.59	210.12	33.40	174.24	214.56	246.20	270.60 PHASE
216	-3.23	16.23	500	13.10	1.41	4.47	1.34	7.05	5.79	3.10	1.94 AMP
217	-4.02	20.92	500	17.00	9.16	250.00	239.15	229.02	277.54	302.27	324.23 PHASE
218	1.51	3.00	500	2.41	1.62	.01	.02	.20	.19	.07	.06 AMP
219	.84	4.64	500	33.09	297.12	190.90	56.59	300.03	104.36	13.00	07.69 PHASE
220	.10	5.55	500	2.99	1.00	1.09	.00	.16	.12	.02	.00 AMP
221	-.47	6.63	500	33.93	301.97	195.92	212.02	271.34	106.35	69.90	62.99 PHASE
222	-.02	7.40	500	3.79	2.00	1.49	.13	.10	.23	.11	.07 AMP
223	-1.71	11.10	500	33.62	309.77	207.66	260.65	277.43	129.01	210.26	72.81 PHASE
				4.90	2.12	2.11	.35	.26	.20	.15	.02 AMP
				31.60	313.56	211.49	315.53	290.10	139.95	220.14	113.77 PHASE
				7.93	1.42	3.24	1.29	1.15	1.13	.49	.17 AMP
				29.50	343.97	219.20	36.72	135.16	200.77	253.92	219.73 PHASE
				10.07	1.44	3.61	1.00	3.44	2.47	1.40	.01 AMP
				20.70	354.36	227.00	95.30	105.77	237.34	276.30	295.09 PHASE
				12.39	1.69	4.89	1.45	5.97	4.45	2.39	1.41 AMP
				24.40	336.91	236.69	136.54	209.07	257.70	290.12	310.01 PHASE
				2.27	1.62	.95	.12	.16	.17	.06	.06 AMP
				35.09	311.45	222.13	59.54	274.62	131.90	102.05	65.41 PHASE
				2.09	1.00	1.12	.11	.29	.16	.05	.07 AMP
				35.14	312.40	220.90	49.40	233.77	121.54	205.25	56.54 PHASE
				3.59	2.10	1.36	.16	.37	.28	.15	.05 AMP
				34.16	314.35	221.06	23.03	220.54	152.00	239.11	42.59 PHASE
				4.50	2.46	1.77	.34	.30	.35	.19	.02 AMP
				32.90	312.72	217.00	15.45	199.60	161.17	231.06	36.07 PHASE
				5.12	2.55	2.15	.40	.37	.43	.22	.05 AMP
				29.93	307.06	209.92	1.19	161.72	149.06	211.07	10.45 PHASE
				7.05	2.13	2.00	1.20	1.14	.06	.39	.13 AMP
				29.02	317.34	214.73	25.92	115.32	150.50	211.66	191.96 PHASE



TABLE VI.- Continued

(b) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
203	18.14	28.32	500	16.27	14.29	4.94	1.47	1.29	1.57	1.40	1.30 AMP
				138.31	345.64	75.24	351.45	285.71	140.95	73.03	219.17 PHASE
204	20.20	26.06	500	17.06	13.12	4.52	1.18	1.13	1.65	1.29	1.39 AMP
				135.13	338.40	55.24	333.10	127.57	107.44	60.93	60.45 PHASE
205	22.57	26.56	500	18.09	12.10	4.74	1.12	1.31	1.69	1.19	1.76 AMP
				135.74	338.42	47.77	44.00	98.85	105.24	70.74	54.04 PHASE
207	24.03	26.22	500	19.31	11.47	4.91	1.25	1.57	1.96	1.33	1.54 AMP
				134.15	334.73	41.60	156.31	91.75	89.92	82.33	18.46 PHASE
208	27.09	26.54	500	19.95	11.30	4.84	1.30	1.03	1.09	1.57	2.43 AMP
				128.80	320.60	33.54	169.31	64.41	57.32	51.40	335.07 PHASE
209	29.44	30.49	500	20.70	12.56	4.74	1.40	1.22	1.49	2.54	3.39 AMP
				129.55	335.99	46.07	106.68	57.93	67.69	74.50	10.90 PHASE
210	31.09	33.60	500	20.44	10.66	2.14	1.57	2.35	2.62	1.97	2.96 AMP
				127.69	337.49	61.06	171.39	70.43	130.73	130.29	42.60 PHASE
211	22.70	25.60	500	15.70	13.07	4.63	1.37	1.66	1.15	1.75	1.04 AMP
				131.49	338.96	59.12	351.46	276.06	69.50	20.31	193.04 PHASE
212	25.35	25.01	500	16.90	12.66	4.90	1.07	1.64	1.10	1.90	1.11 AMP
				130.25	337.30	48.20	25.00	279.07	87.42	4.39	301.72 PHASE
213	27.04	25.15	500	17.06	12.36	4.82	1.21	1.60	1.10	1.87	1.13 AMP
				130.11	337.90	44.61	203.51	293.73	114.20	7.40	272.01 PHASE
214	30.42	26.03	500	10.54	11.95	4.61	1.57	1.62	1.06	1.07	1.40 AMP
				120.76	337.19	40.69	201.03	293.60	97.17	1.49	321.70 PHASE
215	32.65	27.55	500	19.24	12.74	4.53	1.91	1.10	1.55	1.70	1.70 AMP
				127.25	339.62	57.15	233.37	320.10	57.30	41.45	332.53 PHASE
216	33.93	29.04	500	19.13	14.03	4.21	1.03	1.61	1.40	1.49	1.07 AMP
				129.36	341.61	71.71	240.09	11.67	111.50	93.02	44.39 PHASE
217	34.63	32.21	500	18.03	17.24	4.30	1.61	1.74	2.24	1.15	1.46 AMP
				126.60	340.31	92.24	196.66	35.40	141.49	139.79	70.00 PHASE
218	25.57	20.69	500	13.59	10.45	3.69	1.24	1.56	1.15	1.25	1.39 AMP
				134.99	353.09	62.57	205.60	306.49	117.70	42.03	109.90 PHASE
219	20.01	20.75	500	14.40	10.34	3.90	1.34	1.51	1.18	1.17	1.30 AMP
				132.99	349.04	45.70	230.92	296.02	94.42	7.06	94.02 PHASE
220	30.46	21.47	500	15.40	10.72	4.32	1.51	1.50	1.17	1.22	1.32 AMP
				132.54	347.76	39.50	215.32	303.30	76.97	331.24	79.20 PHASE
221	33.11	22.71	500	16.41	11.27	4.54	1.76	1.56	1.18	1.42	1.35 AMP
				131.62	343.96	33.50	200.09	302.55	53.06	347.40	39.00 PHASE
222	34.55	23.61	500	16.02	11.67	4.50	1.06	1.64	1.13	1.49	1.40 AMP
				129.72	337.62	25.54	109.90	206.24	19.04	340.14	0.03 PHASE
223	35.09	25.00	500	17.34	12.29	4.30	1.96	1.06	1.50	1.13	1.94 AMP
				128.09	330.93	37.11	203.51	303.00	14.53	24.51	0.07 PHASE

CHORDWISE 51 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
203	46.41	34.92	500	11.09	3.05	3.28	3.62	7.32	16.55	1.96	.79 AMP
				277.17	144.99	304.92	127.03	322.79	323.49	124.00	74.66 PHASE
204	44.37	41.79	500	10.19	4.67	5.44	2.00	8.40	9.70	5.03	5.30 AMP
				290.35	159.79	297.70	75.03	302.56	350.12	65.77	230.72 PHASE
205	42.40	49.01	500	27.72	6.99	6.04	6.10	10.21	7.91	1.92	2.22 AMP
				314.36	163.00	200.27	65.62	315.70	324.36	119.07	44.65 PHASE
207	39.52	57.51	500	30.61	0.26	9.52	9.27	9.59	10.41	1.02	2.30 AMP
				330.05	162.45	272.49	74.91	319.62	350.11	299.04	10.09 PHASE
208	37.55	60.32	500	40.00	0.03	12.60	0.09	9.00	12.64	9.15	3.99 AMP
				333.42	163.02	267.05	55.00	310.51	359.30	303.16	332.50 PHASE
209	35.30	76.32	500	50.12	11.74	20.05	12.14	3.14	14.00	5.00	5.26 AMP
				345.19	104.76	205.54	50.13	331.36	36.77	320.64	15.35 PHASE
210	35.40	134.27	500	64.54	25.04	27.00	24.77	22.06	32.40	6.04	6.04 AMP
				2.47	201.72	290.04	07.75	239.02	222.02	100.36	15.55 PHASE
211	39.69	32.24	500	15.40	6.23	4.70	4.57	5.50	6.19	3.51	1.13 AMP
				300.99	178.24	316.34	10.26	206.33	201.69	145.93	309.11 PHASE
212	39.02	46.95	500	25.31	6.94	4.09	6.39	6.44	9.22	3.20	1.44 AMP
				316.50	190.65	207.11	20.33	302.97	257.50	191.30	69.00 PHASE
213	30.32	61.00	500	36.12	7.27	0.03	7.00	5.02	12.20	6.23	1.09 AMP
				327.59	204.37	276.40	30.17	295.04	290.65	263.72	100.64 PHASE
214	37.26	74.37	500	40.54	7.35	11.39	7.00	5.32	13.50	0.02	1.14 AMP
				333.13	219.47	275.50	30.06	271.02	313.75	200.40	151.59 PHASE
215	34.06	93.22	500	63.25	12.49	19.35	10.09	6.59	17.69	7.00	1.54 AMP
				345.73	219.06	292.25	43.35	233.33	359.27	17.60	277.50 PHASE
216	35.00	109.72	500	67.01	19.37	20.00	0.50	14.40	0.32	12.76	1.21 AMP
				355.11	221.07	304.52	69.35	215.95	05.63	142.49	20.09 PHASE
217	36.03	142.75	500	72.11	27.00	24.26	6.69	25.71	10.44	20.01	3.07 AMP
				.09	220.57	306.07	101.41	216.70	190.40	166.69	106.49 PHASE
218	39.23	34.61	500	12.67	6.74	3.23	5.75	4.05	9.63	3.26	1.56 AMP
				320.39	205.50	329.20	26.76	272.53	260.37	166.09	92.50 PHASE
219	39.21	51.19	500	23.71	7.92	4.40	7.57	3.50	12.07	2.66	1.99 AMP
				333.94	213.74	272.73	31.39	263.52	294.07	211.00	124.06 PHASE
220	30.96	60.34	500	35.50	0.00	7.93	0.59	4.10	14.11	3.21	1.47 AMP
				339.99	225.11	265.01	31.32	245.55	315.56	267.05	133.19 PHASE
221	30.56	74.27	500	49.07	10.55	11.20	9.14	6.10	14.34	4.33	1.46 AMP
				343.00	237.75	267.55	23.37	227.39	327.66	290.02	205.00 PHASE
222	30.19	70.15	500	57.10	11.74	12.62	9.35	7.63	13.33	4.93	1.00 AMP
				341.09	236.00	261.53	7.79	204.11	314.40	309.16	240.00 PHASE
223	37.62	94.32	500	66.76	15.27	17.06	10.42	8.63	13.41	7.40	2.49 AMP
				349.36	232.69	274.53	11.01	192.27	1.14	10.22	320.65 PHASE

TABLE VI.- Continued

(b) Continued

TORSION % PERCENT RADIUS											
RUN NO		35									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
203	1.16	2.77	500	1.67	1.84	1.42	1.44	1.18	.89	.87	.89 AMP
204	.73	2.84	500	49.23	292.67	147.75	69.58	286.36	145.58	145.13	157.11 PHASE
205	.28	3.01	500	1.95	1.87	.37	.32	.34	.19	.84	.89 AMP
206	.39	3.65	500	49.87	291.88	131.67	65.38	258.56	188.28	51.38	137.58 PHASE
207	-.39	3.65	500	2.38	1.88	.34	.11	.26	.16	.87	.88 AMP
208	-1.00	4.48	500	51.57	388.88	147.58	51.94	262.19	178.17	132.89	146.82 PHASE
209	-2.09	7.29	500	2.82	1.81	.44	.32	.22	.28	.89	.87 AMP
210	-4.78	17.98	500	49.14	311.53	185.63	385.44	288.28	168.89	216.48	191.82 PHASE
211	.81	7.18	500	3.54	1.88	.82	.47	.33	.21	.86	.11 AMP
212	-.42	3.71	500	42.51	323.65	198.86	296.28	244.56	179.16	384.96	178.12 PHASE
213	-.86	4.62	500	6.11	1.38	1.48	.81	1.12	.91	.66	.33 AMP
214	-1.33	6.17	500	36.51	9.84	288.19	122.17	281.62	237.91	296.88	325.37 PHASE
215	-2.19	7.65	500	8.64	2.83	2.43	1.59	4.85	4.67	2.88	1.44 AMP
216	-3.28	11.34	500	24.12	9.69	262.37	272.62	258.52	312.13	363.81	12.41 PHASE
217	-4.83	15.61	500	2.85	1.26	.45	.89	.21	.16	.12	.87 AMP
218	-.24	3.15	500	49.67	389.19	199.18	123.96	348.88	124.11	44.14	116.37 PHASE
219	-.66	3.84	500	2.49	1.46	.62	.11	.14	.11	.89	.88 AMP
220	-1.09	4.35	500	48.95	311.15	284.45	162.18	313.41	184.85	58.51	76.79 PHASE
221	-1.51	5.27	500	3.88	1.66	.83	.89	.17	.21	.85	.85 AMP
222	-1.78	5.75	500	48.58	316.79	215.45	188.88	318.92	124.77	261.51	68.88 PHASE
223	-2.18	7.82	500	3.65	1.76	1.18	.89	.27	.27	.18	.85 AMP
				46.58	319.28	218.26	322.11	316.98	128.27	268.58	336.69 PHASE
				8.26	1.68	1.75	.63	.63	.76	.51	.12 AMP
				42.29	339.22	219.29	82.57	158.55	218.28	292.53	338.22 PHASE
				6.78	1.63	2.87	1.16	2.25	1.83	1.36	.62 AMP
				38.14	362.88	226.71	137.31	215.44	278.41	323.15	353.91 PHASE
				8.53	1.83	2.88	1.89	4.89	3.43	2.38	1.14 AMP
				31.78	347.85	243.82	187.42	248.71	294.52	335.34	2.22 PHASE
				2.88	1.24	.53	.11	.12	.14	.87	.88 AMP
				51.52	322.67	232.97	187.83	327.82	144.28	113.62	74.23 PHASE
				2.45	1.39	.63	.18	.19	.16	.83	.18 AMP
				49.75	328.16	238.86	118.42	268.45	122.85	216.56	61.28 PHASE
				2.94	1.59	.76	.11	.25	.22	.12	.11 AMP
				48.35	328.29	238.87	76.98	249.93	153.88	278.88	49.32 PHASE
				3.53	1.85	.99	.22	.25	.25	.16	.89 AMP
				46.68	318.28	224.87	51.97	227.48	169.58	274.58	33.86 PHASE
				3.91	1.97	1.21	.28	.25	.29	.19	.18 AMP
				43.64	312.41	217.59	37.78	187.22	154.68	252.82	5.28 PHASE
				4.84	1.99	1.45	.74	.79	.65	.41	.13 AMP
				41.41	322.37	216.59	62.89	137.39	188.88	252.79	388.58 PHASE

TABLE VI.- Continued

(b) Continued

FLAPWISE 77 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
203	.97	25.22	500	14.82	11.25	3.24	2.29	2.99	.61	1.13	.21 AMP
204	3.34	25.12	500	148.82	342.75	41.25	245.54	238.24	74.54	249.27	14.47 PHASE
205	5.90	25.25	500	15.29	18.58	3.02	1.81	3.52	.72	229.80	.76 AMP
207	8.64	27.43	500	138.80	332.51	27.00	253.18	214.00	74.49	232.42	1.32 AMP
208	11.23	28.13	500	16.13	18.00	3.10	1.83	3.39	.45	238.45	1.32 AMP
209	13.36	28.68	500	148.17	332.55	29.24	278.26	228.24	94.46	243.97	2.41 AMP
210	13.80	34.50	500	17.24	9.46	2.71	2.21	4.02	.31	262.35	2.41 AMP
211	5.11	22.81	500	148.17	329.38	32.92	288.93	211.78	63.91	228.60	3.55 AMP
212	7.69	23.77	500	17.96	9.57	2.91	2.25	3.11	.49	157.78	3.55 AMP
213	10.27	25.14	500	135.63	324.02	37.11	287.58	198.58	25.79	225.40	4.99 AMP
214	13.04	26.87	500	18.88	18.94	2.83	2.57	.83	2.10	191.36	4.99 AMP
215	15.72	28.00	500	139.55	332.57	49.61	307.69	155.27	71.45	248.73	2.28 AMP
216	16.58	29.74	500	18.21	16.34	1.83	2.39	7.04	.56	215.81	2.28 AMP
217	17.02	33.07	500	139.45	332.57	21.95	335.26	152.95	169.46	305.70	215.81 PHASE
218	7.61	19.21	500	15.33	18.42	3.35	1.51	1.12	.69	332.25	.86 AMP
219	10.15	20.36	500	135.30	339.52	36.03	217.66	215.64	73.90	184.31	332.25 PHASE
220	12.69	21.91	500	16.17	18.24	3.47	1.24	1.59	.82	178.32	.26 AMP
221	15.48	23.74	500	135.30	336.13	33.92	235.88	200.05	71.37	164.78	178.32 PHASE
222	16.90	24.85	500	17.21	18.18	3.55	1.16	1.74	.96	183.44	.27 AMP
223	18.25	25.73	500	136.45	336.84	38.86	258.00	196.24	68.66	156.63	183.44 PHASE
				18.20	18.24	3.43	1.31	1.92	1.31	172.28	.73 AMP
				136.62	334.05	40.68	278.08	196.89	51.15	154.82	172.28 PHASE
				19.51	11.22	3.83	1.79	.54	1.44	1.33	1.33 AMP
				138.26	335.76	58.50	294.73	211.41	61.52	228.99	178.17 PHASE
				19.71	12.76	3.59	1.64	2.75	1.58	2.01	2.01 AMP
				148.93	337.33	69.35	307.16	148.42	86.54	277.65	217.49 PHASE
				19.86	15.13	3.78	1.55	4.78	1.19	1.45	2.25 AMP
				142.15	335.20	81.83	287.09	155.66	85.13	232.12	238.25 PHASE
				13.33	8.29	2.60	1.25	.43	.07	.49	.49 AMP
				139.55	352.48	39.53	211.80	204.02	102.75	178.28	294.75 PHASE
				14.11	8.22	3.00	.94	2.54	.18	.58	.58 AMP
				137.93	347.06	27.93	212.18	198.04	68.62	99.89	265.46 PHASE
				15.17	8.60	3.49	.63	2.61	.55	.27	.58 AMP
				130.07	344.62	29.05	209.49	189.82	42.87	84.49	255.08 PHASE
				16.32	9.37	3.65	.34	2.48	.74	.23	.62 AMP
				137.61	338.81	27.83	247.55	181.02	41.82	122.25	227.81 PHASE
				16.97	9.77	4.00	.36	2.48	.85	.27	.64 AMP
				135.33	341.02	22.86	280.28	161.38	33.27	136.66	198.99 PHASE
				17.73	10.85	4.58	.54	1.90	1.14	.94	1.39 AMP
				135.83	332.90	25.67	332.72	129.33	61.91	208.17	177.61 PHASE

CHORDWISE 77 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
203	64.19	22.86	500	7.26	7.13	2.59	1.29	3.91	6.14	.51	.20 AMP
204	64.25	22.11	500	156.80	341.98	31.57	199.24	279.18	321.54	156.88	37.63 PHASE
205	65.73	18.09	500	5.78	6.25	2.64	1.29	4.16	4.03	2.80	4.95 AMP
207	66.40	22.03	500	164.52	338.72	7.14	207.92	256.20	351.84	65.09	214.25 PHASE
208	68.05	21.60	500	3.26	5.31	2.36	1.14	4.37	2.95	2.74	.42 AMP
209	70.18	27.21	500	174.85	331.84	4.31	42.46	270.69	327.98	121.06	284.47 PHASE
210	70.28	52.71	500	.25	4.58	2.11	1.67	3.83	4.28	.94	1.39 AMP
211	62.05	17.47	500	191.86	329.87	344.94	63.73	262.36	356.28	276.01	198.75 PHASE
212	63.04	17.99	500	2.15	4.74	2.40	2.22	2.77	5.53	3.68	1.71 AMP
213	64.74	18.30	500	339.63	325.50	328.00	35.39	256.67	353.75	289.47	158.86 PHASE
214	66.53	23.04	500	4.34	4.60	4.22	3.75	.88	6.06	2.86	2.25 AMP
215	68.32	24.05	500	.25	323.73	312.53	25.62	124.99	33.89	298.99	195.87 PHASE
216	70.14	33.90	500	8.77	4.82	7.07	.81	11.25	9.14	11.83	1.95 AMP
217	71.64	45.59	500	37.55	291.33	289.38	16.18	213.39	224.84	188.26	267.35 PHASE
218	63.30	16.41	500	5.43	5.70	3.36	.71	2.58	1.89	1.75	.39 AMP
219	63.49	15.42	500	150.75	332.95	16.35	328.73	268.49	186.16	151.01	298.28 PHASE
220	65.48	17.65	500	3.84	5.82	3.08	1.43	2.52	2.98	1.71	.74 AMP
221	67.77	27.24	500	154.93	326.41	18.59	3.64	263.90	255.92	178.01	87.52 PHASE
222	68.94	23.53	500	.45	6.11	2.94	2.01	2.57	4.41	2.39	1.06 AMP
223	70.02	34.20	500	162.72	325.21	356.17	18.61	254.11	295.83	250.14	180.49 PHASE
				2.53	6.74	3.25	2.08	2.95	5.34	3.38	1.11 AMP
				331.67	322.80	339.74	15.35	238.29	316.93	278.99	145.99 PHASE
				5.69	7.00	4.98	3.15	2.53	7.12	2.56	1.34 AMP
				352.47	315.24	329.14	28.38	222.10	357.83	2.61	193.12 PHASE
				6.50	7.05	5.95	2.48	6.95	2.86	3.96	1.25 AMP
				12.22	381.47	331.07	49.52	192.65	84.97	145.34	239.31 PHASE
				8.85	7.31	5.19	2.82	13.48	7.92	18.06	1.01 AMP
				30.18	284.89	338.42	138.07	200.00	204.97	164.61	281.46 PHASE
				4.25	4.36	2.70	1.09	2.62	3.37	1.32	.41 AMP
				146.76	343.71	22.41	16.90	234.46	252.54	159.64	71.92 PHASE
				1.79	4.44	2.39	1.93	2.74	4.72	.98	.72 AMP
				125.53	333.96	1.18	28.57	218.31	290.30	195.25	124.27 PHASE
				1.51	5.17	2.71	2.51	3.14	6.46	1.09	.62 AMP
				17.40	323.09	342.94	29.88	213.16	312.07	268.91	159.81 PHASE
				4.44	5.09	3.44	7.93	2.82	5.78	1.62	.58 AMP
				350.51	313.86	330.06	19.27	204.51	324.69	294.19	205.31 PHASE
				6.07	7.10	3.84	3.10	4.44	5.20	1.93	.72 AMP
				344.72	311.06	319.80	4.05	183.53	311.82	304.15	206.34 PHASE
				7.64	7.60	5.14	3.89	3.79	5.26	2.37	.93 AMP
				352.95	304.73	317.26	4.28	165.97	3.38	358.58	239.63 PHASE

TABLE VI.- Continued

(b) Concluded

TORSION 75 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
203	-1.94	1.87	500	1.15	.19	.24	.25	.12	.09	.14	.15 AMP
204	-2.18	1.85	500	121.98	280.07	243.78	94.49	10.23	225.23	115.89	38.83 PHASE
205	-2.43	1.88	500	1.30	.24	.18	.17	.11	.16	.09	.15 AMP
207	-2.70	2.45	500	106.84	268.57	239.97	81.83	288.49	192.95	45.38	21.77 PHASE
208	-2.89	3.18	500	1.54	.31	.17	.18	.08	.11	.11	.17 AMP
209	-3.27	5.36	500	96.74	278.18	232.45	122.61	303.86	193.40	69.20	29.38 PHASE
210	-4.38	10.46	500	1.88	.38	.23	.11	.11	.12	.05	.17 AMP
211	-2.47	1.97	500	89.33	291.41	232.78	226.19	278.88	169.92	70.77	18.52 PHASE
212	-2.70	2.16	500	2.27	.47	.35	.19	.24	.15	.11	.14 AMP
213	-2.92	2.73	500	79.00	290.48	213.44	212.87	218.87	185.53	343.30	352.37 PHASE
214	-3.10	3.27	500	2.76	.81	.59	.60	.78	.51	.32	.35 AMP
215	-3.31	3.91	500	66.79	351.28	163.61	177.32	206.43	240.85	332.85	29.94 PHASE
216	-3.70	6.93	500	3.50	2.37	.40	1.35	1.97	2.40	1.68	.53 AMP
217	-4.28	9.02	500	33.56	357.07	241.13	267.17	266.78	315.02	21.27	69.82 PHASE
218	-2.66	1.99	500	1.44	.36	.38	.18	.18	.06	.11	.04 AMP
219	-2.88	2.30	500	104.35	305.70	234.94	131.47	354.65	139.46	30.50	30.45 PHASE
220	-3.10	2.65	500	1.72	.48	.44	.22	.12	.03	.10	.00 AMP
221	-3.32	3.30	500	91.26	302.14	224.44	152.47	359.66	104.31	52.58	29.88 PHASE
222	-3.37	3.60	500	2.05	.63	.52	.24	.07	.11	.04	.00 AMP
223	-3.50	4.17	500	83.13	305.68	223.61	165.58	354.72	94.84	90.48	34.10 PHASE
				2.48	.76	.60	.20	.11	.17	.02	.00 AMP
				76.36	305.75	217.54	166.55	330.69	98.71	144.15	16.35 PHASE
				3.11	.93	.73	.48	.34	.44	.33	.27 AMP
				69.56	320.62	196.80	140.04	141.14	211.11	297.96	45.72 PHASE
				3.36	1.39	.94	.77	.91	1.10	.86	.00 AMP
				59.02	349.44	188.07	172.88	213.23	276.90	343.70	62.42 PHASE
				3.61	2.11	.82	.85	1.49	2.05	1.42	.51 AMP
				43.51	347.76	214.04	220.86	247.20	302.14	350.87	50.71 PHASE
				1.50	.43	.42	.11	.11	.05	.07	.00 AMP
				108.69	326.99	246.85	155.39	19.03	121.87	104.14	34.86 PHASE
				1.76	.53	.46	.13	.04	.09	.05	.10 AMP
				94.61	317.86	234.60	166.17	345.77	99.15	151.00	32.45 PHASE
				2.07	.65	.50	.11	.04	.13	.06	.12 AMP
				84.76	313.23	225.37	166.12	234.78	121.02	200.69	32.87 PHASE
				2.52	.78	.59	.10	.05	.15	.08	.13 AMP
				76.25	307.80	216.63	138.77	197.01	130.21	211.95	29.11 PHASE
				2.80	.84	.67	.09	.06	.17	.10	.12 AMP
				70.59	301.53	205.44	122.15	137.08	119.37	195.67	0.03 PHASE
				3.19	.99	.70	.37	.32	.24	.19	.19 AMP
				65.60	319.84	189.71	112.91	128.85	178.99	245.59	7.47 PHASE

PITCH LINK											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
203	-3.06	5.74	500	2.92	2.06	.47	.86	.24	.17	.45	.22 AMP
204	-2.50	6.07	500	226.38	103.17	311.34	236.46	134.62	109.55	66.07	5.36 PHASE
205	-1.77	6.22	500	3.56	1.93	.28	.65	.51	.30	.43	.24 AMP
207	-.76	8.55	500	226.02	103.26	294.54	232.61	113.72	49.37	34.61	2.14 PHASE
208	.17	11.16	500	4.29	1.60	.23	.44	.51	.35	.56	.33 AMP
209	1.55	16.30	500	228.23	113.89	22.34	203.55	134.54	46.14	28.02	14.23 PHASE
210	4.05	20.72	500	5.67	1.11	.80	.64	.67	.41	.49	.55 AMP
211	-1.25	5.80	500	223.26	117.94	69.16	182.55	136.65	52.23	43.76	.53 PHASE
212	-.74	6.93	500	7.66	.86	1.61	.83	.97	.63	.43	.63 AMP
213	-.26	8.30	500	216.99	127.33	60.77	190.96	94.30	52.67	30.92	332.14 PHASE
214	.27	9.22	500	10.95	.67	2.60	1.57	1.76	1.68	1.31	.76 AMP
215	1.29	15.19	500	217.60	186.83	64.38	245.44	46.05	61.48	86.56	53.23 PHASE
216	2.18	19.46	500	16.00	1.63	5.07	.27	8.03	6.39	3.60	2.04 AMP
217	3.32	25.40	500	212.65	163.16	89.73	342.04	75.65	121.67	151.29	164.96 PHASE
218	-.33	6.02	500	3.79	2.22	.62	.59	.31	.37	.16	.04 AMP
219	.05	7.04	500	251.63	115.98	60.06	194.40	174.39	2.89	354.17	324.42 PHASE
220	.37	8.12	500	4.51	2.28	1.05	.54	.46	.29	.34	.17 AMP
221	.66	10.30	500	243.59	120.72	56.93	170.05	149.14	6.44	359.98	2.46 PHASE
222	.77	11.63	500	5.37	2.45	1.54	.52	.60	.45	.20	.22 AMP
223	1.23	14.40	500	238.68	129.27	61.59	170.30	148.20	14.95	15.29	350.69 PHASE
				6.65	2.56	2.30	.66	.78	.56	.16	.16 AMP
				232.68	134.97	50.34	174.77	149.23	22.60	23.11	334.02 PHASE
				9.76	2.26	3.60	1.60	.89	1.40	.59	.49 AMP
				226.78	149.04	62.13	232.57	351.68	46.06	80.72	66.38 PHASE
				12.09	2.30	4.27	2.19	3.50	3.03	1.32	1.25 AMP
				225.10	153.07	66.93	278.90	39.67	78.28	110.70	122.16 PHASE
				14.61	2.69	5.78	1.72	6.29	4.94	2.30	1.81 AMP
				221.06	144.51	69.68	298.24	50.25	99.41	140.97	140.05 PHASE
				3.60	2.12	.92	.53	.32	.29	.22	.00 AMP
				259.24	120.27	87.97	214.98	165.04	21.16	25.20	340.55 PHASE
				4.31	2.17	1.26	.51	.54	.35	.22	.18 AMP
				250.01	129.72	81.25	202.05	135.77	14.13	31.04	12.70 PHASE
				5.20	2.40	1.66	.60	.65	.57	.13	.21 AMP
				244.40	134.76	73.80	201.96	127.19	27.02	44.71	17.55 PHASE
				6.46	3.09	2.31	.85	.60	.66	.00	.24 AMP
				239.92	135.40	66.24	213.95	114.79	27.13	346.18	19.61 PHASE
				7.28	3.35	2.82	.88	.48	.71	.03	.26 AMP
				231.15	129.95	55.50	203.02	82.87	10.12	5.54	10.50 PHASE
				9.37	3.24	3.57	1.62	.75	1.23	.32	.70 AMP
				227.01	135.09	56.23	210.88	345.18	5.43	37.63	29.96 PHASE

TABLE VI.- Continued

(c)  $\mu = 0.30$ ;  $M_T = 0.65$ 

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CG/SIGMA
224	.3	2.6	-2.5	.03175	.00480	.00082
225	-.3	3.6	-.4	.05001	.00605	.00068
226	-.7	4.8	1.6	.06483	.00684	.00088
227	-1.1	5.9	3.6	.07985	.00746	.00124
228	-1.6	7.0	5.6	.09375	.00774	.00188
229	-2.2	8.3	7.6	.10525	.00732	.00313
230	-2.5	9.5	9.6	.11128	.00680	.00505
231	1.4	2.7	-.4	.03205	.00197	.00146
232	.6	3.5	1.6	.04902	.00181	.00165
233	-.2	4.4	3.6	.06544	.00159	.00208
234	-.9	5.6	5.5	.07915	.00089	.00281
235	-1.6	6.8	7.6	.09245	.00011	.00377
236	-2.2	7.9	9.5	.10384	-.00113	.00524
237	-2.6	8.5	10.6	.10711	-.00181	.00630
238	1.1	2.6	1.6	.02668	-.00067	.00207
239	.4	3.7	3.6	.04379	-.00235	.00263
240	-.2	4.6	5.6	.05938	-.00389	.00341
241	-.9	5.7	7.6	.07376	-.00557	.00437
242	-1.5	6.9	9.6	.08717	-.00744	.00558
243	-2.4	8.1	11.7	.09880	-.00972	.00732
244	-2.9	8.8	12.6	.10027	-.01074	.00838
245	-1.1	6.0	7.2	.06868	-.00595	.00416
246	.7	4.4	5.6	.03864	-.00568	.00347
247	-.2	5.4	7.6	.05330	-.00847	.00465
248	-.8	6.5	9.5	.06634	-.01117	.00593
249	-1.7	7.7	11.6	.08089	-.01424	.00750
250	-2.4	8.8	13.6	.09251	-.01708	.00944
251	-2.8	9.6	14.6	.09620	-.01831	.01046

TABLE VI.- Continued

(c) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
224	44.61	24.63	600	11.06	11.24	5.91	3.42	3.21	2.56	2.59	.56 AMP
				138.58	328.37	91.32	35.59	29.22	386.42	233.87	159.54 PHASE
225	47.12	23.12	600	11.07	10.40	4.87	2.89	3.32	2.18	2.54	.33 AMP
				139.77	328.96	87.10	42.59	28.13	383.71	237.56	189.09 PHASE
226	49.11	22.13	600	10.99	9.74	4.52	2.91	3.78	2.50	2.62	.65 AMP
				136.98	326.94	75.95	43.78	2.31	286.11	239.25	186.56 PHASE
227	51.02	21.02	600	10.75	9.33	4.46	2.89	4.50	2.91	2.94	.80 AMP
				134.85	333.16	77.97	54.85	350.68	290.94	255.80	197.83 PHASE
228	52.03	23.36	600	10.32	8.98	4.25	2.55	4.73	2.85	2.77	1.37 AMP
				129.97	343.63	77.84	62.58	359.26	302.78	273.23	215.66 PHASE
229	54.24	20.17	600	9.99	9.31	3.29	2.65	5.54	3.27	4.19	2.80 AMP
				112.95	343.25	67.86	46.55	332.59	279.26	255.74	189.84 PHASE
230	54.70	31.12	600	10.93	12.65	5.56	2.10	7.10	4.59	1.25	2.39 AMP
				98.57	340.80	249.42	51.65	322.50	322.74	267.23	179.42 PHASE
231	45.54	25.00	600	10.31	11.39	6.00	3.37	3.46	2.00	2.30	.43 AMP
				144.31	333.90	92.54	35.74	53.72	322.17	226.71	156.69 PHASE
232	47.91	22.16	600	9.80	10.46	4.02	2.73	3.71	1.53	2.16	.22 AMP
				145.18	337.88	95.53	50.87	46.96	319.29	240.11	5.72 PHASE
233	50.30	19.24	600	9.31	9.53	3.72	2.74	3.88	1.45	2.06	.30 AMP
				139.83	333.67	87.51	57.40	24.38	287.64	232.64	202.38 PHASE
234	52.43	18.28	600	8.96	9.24	3.13	2.57	3.39	1.48	1.94	.71 AMP
				134.92	340.86	100.06	84.06	31.61	279.75	245.80	161.01 PHASE
235	54.35	20.14	600	8.79	9.61	2.81	2.63	3.00	1.09	2.01	1.27 AMP
				122.07	338.18	91.21	71.54	358.16	259.94	234.44	157.51 PHASE
236	55.09	26.92	600	8.94	9.81	1.91	2.87	4.15	3.55	3.21	2.29 AMP
				106.09	342.82	88.81	46.58	311.40	267.00	250.59	190.81 PHASE
237	56.27	33.39	600	9.65	11.27	.87	3.45	6.02	4.65	2.54	2.39 AMP
				94.66	340.23	154.33	49.96	304.89	293.00	285.25	200.27 PHASE
238	46.49	22.21	600	8.60	11.30	5.65	3.90	2.15	.88	1.44	.33 AMP
				147.83	344.98	109.59	45.53	85.15	346.29	232.56	10.58 PHASE
239	48.94	20.86	600	8.30	10.87	4.92	3.49	2.00	.54	1.51	.42 AMP
				141.28	335.59	91.32	24.35	50.80	309.79	189.90	11.07 PHASE
240	51.42	19.15	600	7.81	10.36	4.14	2.97	1.74	.34	1.68	.21 AMP
				136.89	337.55	93.70	30.43	52.20	270.94	197.26	346.69 PHASE
241	53.66	10.52	600	7.64	10.61	3.59	2.80	1.38	.60	1.66	.19 AMP
				131.24	342.25	101.87	42.45	70.40	210.68	216.59	11.27 PHASE
242	55.90	17.90	600	7.39	10.43	3.12	2.14	.93	.99	1.75	.20 AMP
				115.91	338.93	99.98	36.45	59.04	206.46	195.53	66.70 PHASE
243	57.81	25.42	600	7.92	10.55	1.94	2.92	1.61	2.80	2.52	.89 AMP
				99.64	349.47	101.74	21.58	276.65	265.96	254.48	190.78 PHASE
244	58.40	28.64	600	8.71	11.22	1.41	3.92	2.65	3.62	2.19	1.17 AMP
				83.47	345.84	120.67	25.80	290.13	289.74	274.55	209.91 PHASE
245	53.07	18.81	600	7.90	10.50	3.65	2.78	1.65	.25	1.65	.17 AMP
				129.70	336.15	89.12	23.65	47.17	254.41	192.09	312.95 PHASE
246	49.81	16.52	607	7.24	8.74	3.59	3.08	1.88	.42	.87	.38 AMP
				142.75	347.19	95.44	29.40	48.81	329.80	224.55	278.35 PHASE
247	52.19	15.59	600	6.87	8.72	2.73	2.58	1.99	.14	.79	.50 AMP
				135.56	348.14	94.80	24.73	34.74	293.10	202.33	270.92 PHASE
248	54.50	15.95	600	6.73	9.10	2.10	2.59	1.67	.29	.92	.41 AMP
				125.55	346.07	83.24	10.10	27.05	197.79	197.28	265.01 PHASE
249	56.95	16.61	600	6.73	9.59	1.33	2.44	1.78	.42	.94	.43 AMP
				109.50	343.28	74.00	4.60	12.72	191.83	180.01	236.27 PHASE
250	50.97	22.21	600	7.74	10.27	.52	3.14	.96	1.63	1.84	.76 AMP
				85.14	341.40	71.41	328.81	255.90	201.19	197.95	183.35 PHASE
251	59.55	26.36	602	9.16	10.69	.14	3.90	2.43	2.18	2.13	.90 AMP
				73.76	335.45	124.52	324.27	244.90	223.95	225.24	180.54 PHASE

TABLE VI.- Continued

(c) Continued

CHORDWISE 25 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
224	48.34	45.67	600	17.89	7.47	9.99	4.62	6.96	13.01	1.68	.45 AMP
225	45.58	63.47	600	259.46	144.53	250.00	184.53	254.29	242.66	174.39	45.15 PHASE
226	42.46	69.32	600	31.35	10.13	13.50	5.28	10.00	15.03	1.60	.01 AMP
227	39.74	71.04	600	282.98	162.77	274.55	183.62	258.56	288.51	194.93	81.51 PHASE
228	37.50	86.27	600	43.90	13.50	12.49	5.62	12.13	7.75	1.53	.27 AMP
229	37.27	113.48	600	382.53	160.64	267.57	82.82	266.88	315.76	55.07	29.91 PHASE
230	42.22	144.84	600	58.61	15.28	14.59	7.15	10.38	6.62	.00	1.06 AMP
231	46.95	48.29	600	320.40	165.87	263.31	80.22	288.42	324.85	228.27	23.17 PHASE
232	45.58	53.39	600	74.56	14.68	19.17	8.06	7.23	6.45	4.69	1.30 AMP
233	44.09	60.52	600	334.49	15.52	24.74	8.00	329.63	359.47	291.19	47.23 PHASE
234	42.98	77.03	600	340.67	171.71	264.67	10.11	4.28	5.47	5.23	2.13 AMP
235	42.15	97.09	600	94.66	26.71	30.71	61.46	330.38	5.83	300.13	40.33 PHASE
236	43.48	121.43	600	358.09	197.53	274.97	10.31	13.30	24.35	6.61	3.62 AMP
237	46.15	136.00	600	19.25	9.03	9.15	84.67	181.79	204.84	227.91	27.43 PHASE
238	46.89	44.72	600	204.43	157.27	283.69	3.73	8.70	12.07	2.55	1.20 AMP
239	47.43	49.96	600	31.21	13.51	18.42	127.32	290.31	247.25	149.65	48.47 PHASE
240	47.16	68.72	600	307.67	168.05	285.76	2.76	10.36	4.95	.75	1.29 AMP
241	45.97	93.84	600	45.29	15.13	11.28	5.72	9.98	7.72	.72	1.29 AMP
242	46.76	116.77	600	323.49	168.04	261.15	59.70	294.27	287.27	94.31	53.99 PHASE
243	48.69	138.61	600	59.98	15.27	14.52	7.29	9.09	7.66	1.09	1.24 AMP
244	51.74	147.17	600	336.01	180.79	268.68	73.62	300.53	329.48	354.02	72.18 PHASE
245	47.10	80.59	600	76.77	16.23	20.60	9.18	6.30	6.53	3.45	1.77 AMP
246	48.32	52.64	600	340.65	187.47	263.13	59.85	300.79	335.26	304.79	13.06 PHASE
247	49.68	75.56	600	93.09	19.64	20.77	12.31	3.04	6.30	2.05	1.61 AMP
248	50.92	98.53	600	352.93	195.55	267.83	53.37	150.74	64.23	2.99	16.49 PHASE
249	52.28	125.49	600	96.63	26.38	31.74	12.23	14.13	11.70	4.36	2.48 AMP
250	54.67	150.50	600	358.73	203.23	267.56	60.50	182.46	170.14	150.35	349.35 PHASE
251	55.79	181.23	600	11.54	10.77	7.23	1.69	4.53	16.01	2.16	.50 AMP
				23.43	16.18	9.79	81.01	291.44	222.01	132.79	29.63 PHASE
				313.51	172.39	203.91	2.61	259.55	190.73	80.05	39.29 PHASE
				39.52	19.22	13.73	4.88	6.59	11.35	.57	.34 AMP
				331.27	185.83	266.46	21.05	273.99	245.50	226.66	76.63 PHASE
				56.19	21.71	18.96	7.10	7.60	13.59	1.29	.29 AMP
				343.00	202.31	271.65	43.95	202.77	200.88	256.91	320.57 PHASE
				78.04	23.20	25.17	9.05	6.29	12.79	2.07	.78 AMP
				347.05	206.10	267.20	45.21	254.64	286.59	263.90	204.09 PHASE
				97.34	27.09	33.09	10.25	6.69	6.99	.84	1.29 AMP
				359.33	222.01	279.30	61.94	206.84	26.67	47.02	353.68 PHASE
				104.67	34.20	37.26	9.69	11.75	8.39	5.38	1.62 AMP
				2.41	222.02	276.54	60.54	195.67	129.25	119.13	14.89 PHASE
				43.86	20.99	17.78	5.84	7.51	12.63	.72	.20 AMP
				332.29	193.78	261.95	22.79	261.95	243.70	216.94	42.55 PHASE
				23.29	16.21	8.35	4.07	4.92	13.05	1.93	.25 AMP
				335.96	188.72	288.09	27.38	246.45	228.87	103.95	190.23 PHASE
				39.92	19.50	13.01	5.63	5.91	13.07	.01	.28 AMP
				342.90	203.45	265.45	23.14	252.71	265.94	135.69	105.79 PHASE
				60.04	22.83	18.34	7.39	7.10	13.36	.49	.26 AMP
				347.88	217.46	253.92	27.12	235.60	279.15	160.90	277.30 PHASE
				84.39	23.97	24.20	8.36	8.59	12.50	.48	.37 AMP
				349.62	215.51	253.68	25.71	213.34	281.04	256.97	273.29 PHASE
				115.96	32.86	31.95	8.73	9.50	8.00	2.67	.68 AMP
				353.50	217.27	254.32	13.05	170.11	334.34	343.28	300.35 PHASE
				129.09	47.16	35.33	5.42	11.06	10.10	5.87	1.00 AMP
				356.19	215.40	253.69	307.87	138.53	39.23	16.90	302.88 PHASE

TABLE VI.- Continued

(c) Continued

TORSION 28 PERCENT RADIUS											
RUN NO		35									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
224	6.81	6.35	608	2.25	2.49	1.31	.83	.23	.29	.15	.13
				49.88	282.42	148.52	23.98	158.41	358.81	289.76	114.73
225	5.88	6.48	608	3.17	2.25	1.18	1.82	.37	.19	.17	.25
				47.65	282.35	156.96	36.58	183.21	14.29	248.68	178.24
226	3.98	6.17	608	4.11	1.81	1.13	.56	.24	.87	.86	.24
				43.11	276.48	159.73	48.16	278.89	315.83	236.87	179.88
227	2.52	7.29	608	5.61	.99	1.58	.45	.48	.17	.22	.17
				39.61	278.28	191.31	26.58	253.44	343.55	253.17	196.17
228	.88	18.39	608	7.87	.36	1.97	.98	.83	.46	.18	.25
				38.18	176.88	221.79	3.64	324.53	51.11	278.25	289.69
229	-1.74	16.56	608	11.78	1.69	2.87	1.38	.68	.38	.98	.28
				38.74	115.28	233.99	11.51	285.61	251.62	274.26	227.56
230	-5.72	38.48	608	17.18	1.14	5.71	.88	6.81	5.56	3.62	2.27
				29.49	285.18	289.73	345.27	277.98	326.62	343.18	31.37
231	5.21	6.37	608	1.91	2.58	1.34	1.89	.13	.27	.31	.22
				61.45	293.29	148.96	19.53	223.77	341.86	224.93	149.13
232	4.48	5.66	608	2.45	2.27	1.11	.58	.41	.17	.25	.22
				59.83	382.86	156.91	36.73	283.28	272.88	227.51	193.75
233	3.54	5.19	608	3.29	1.71	.88	.46	.36	.29	.25	.27
				49.76	383.48	181.68	28.19	268.39	221.56	219.81	178.78
234	2.45	6.66	608	4.67	1.38	1.34	.74	.31	.29	.38	.28
				48.18	313.59	238.65	37.82	254.29	217.15	234.38	221.24
235	.87	18.65	608	7.13	.61	2.46	1.36	.72	.43	.34	.25
				41.15	383.74	248.12	29.83	217.67	252.53	238.48	218.16
236	-1.53	17.58	608	11.25	.91	3.88	2.29	3.88	2.39	1.56	.94
				35.89	98.66	245.68	84.84	282.18	256.81	289.55	329.95
237	-3.46	24.47	608	14.16	.84	4.71	1.84	6.48	4.81	3.88	2.23
				32.18	123.85	265.17	119.54	238.35	285.75	314.44	389.68
238	4.37	5.14	608	1.88	2.47	1.87	.72	.15	.11	.22	.19
				83.53	321.28	198.58	17.88	242.35	181.89	283.89	97.88
239	3.79	5.89	608	2.41	2.81	1.19	.58	.19	.14	.15	.11
				69.91	312.19	189.19	18.83	269.68	148.86	133.73	77.26
240	3.18	6.75	608	3.19	2.87	1.54	.69	.12	.21	.17	.15
				68.24	316.47	215.99	16.34	162.93	178.43	188.11	131.52
241	2.17	8.44	608	4.54	2.92	2.33	1.37	.63	.49	.24	.18
				55.21	328.74	242.41	34.89	151.78	228.27	264.25	152.51
242	.96	11.81	608	6.78	2.31	3.63	1.97	.96	.78	.37	.28
				45.26	317.41	239.57	22.99	146.63	223.48	277.82	131.42
243	-1.87	18.23	608	18.63	1.15	3.99	3.87	3.63	2.26	1.16	.63
				42.75	355.48	252.88	98.66	197.28	268.59	385.84	331.89
244	-2.51	23.81	608	12.98	1.28	5.89	2.66	5.56	4.89	2.38	1.58
				37.99	338.88	252.62	111.99	214.48	273.21	312.97	346.19
245	2.41	7.87	608	3.95	3.15	2.87	.94	.37	.34	.21	.14
				55.39	314.36	222.84	12.77	128.67	184.75	211.92	128.88
246	3.38	5.84	607	2.34	2.68	1.46	.68	.89	.17	.16	.16
				69.90	322.57	225.14	34.47	239.22	173.23	193.84	128.78
247	2.72	6.87	608	2.99	2.92	1.75	.69	.27	.33	.19	.13
				62.53	324.43	236.22	37.52	223.16	191.66	233.82	145.15
248	2.14	7.82	608	3.86	3.38	2.11	.98	.52	.57	.27	.13
				55.72	322.55	233.67	38.63	194.87	195.93	251.94	148.32
249	1.46	9.36	608	5.24	3.47	2.84	1.38	.78	.79	.31	.15
				49.78	317.73	239.22	20.13	164.78	191.82	251.86	135.79
250	-.14	15.30	608	0.81	2.63	3.94	2.73	2.55	1.71	.78	.38
				39.14	322.84	235.85	39.68	137.11	183.12	238.28	233.28
251	-1.17	19.51	602	19.88	2.31	4.58	3.13	4.15	2.64	1.27	.83
				34.21	328.29	225.69	58.57	143.43	189.18	239.98	259.32



TABLE VI.- Continued

(c) Continued

FLAPWISE 37 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
224	28.83	28.41	608	15.73	13.73	6.63	2.13	1.88	.66	.16	.04 AMP
225	31.13	26.81	608	137.16	338.52	88.48	35.64	35.86	318.21	215.97	242.87 PHASE
226	33.14	26.63	608	16.36	12.48	5.54	1.68	1.94	.46	.32	.17 AMP
227	35.11	26.63	608	138.85	338.75	74.73	48.17	23.83	381.84	282.88	158.33 PHASE
228	37.83	25.96	608	16.84	11.62	5.33	1.69	2.19	.84	.38	.12 AMP
229	38.73	26.78	608	136.18	327.48	68.61	58.88	2.75	282.83	214.18	157.39 PHASE
230	39.62	33.92	608	17.32	11.17	5.81	1.88	2.75	.88	.42	.13 AMP
231	38.86	27.35	608	136.18	332.32	62.13	68.88	351.78	291.78	213.57	165.98 PHASE
232	32.37	25.94	608	17.54	18.92	6.85	1.58	2.98	.72	.46	.01 AMP
233	34.67	24.61	608	135.88	339.79	63.94	88.85	1.52	297.52	238.53	187.93 PHASE
234	36.79	24.88	608	17.41	11.66	5.55	1.64	3.64	.75	.38	.48 AMP
235	38.67	25.85	608	128.23	336.83	55.26	76.17	336.63	285.75	216.84	359.77 PHASE
236	48.66	27.31	608	17.14	17.58	2.79	1.84	4.47	.83	.58	.28 AMP
237	41.38	38.79	608	126.15	335.62	72.57	188.86	332.88	316.32	173.33	137.52 PHASE
238	31.85	26.39	608	15.19	14.28	6.92	2.89	2.33	.58	.33	.24 AMP
239	34.38	25.48	608	139.61	337.19	81.58	35.56	58.86	338.98	224.96	287.72 PHASE
240	36.81	25.14	608	15.52	12.99	5.61	1.76	2.35	.51	.48	.21 AMP
241	39.88	24.94	608	141.89	341.26	82.25	59.98	47.31	317.84	228.29	233.59 PHASE
242	41.34	24.84	608	15.69	11.65	4.69	2.81	2.42	.44	.43	.88 AMP
243	43.55	25.17	608	137.32	336.36	71.82	72.71	23.51	284.77	285.75	258.65 PHASE
244	44.35	27.98	608	15.83	11.22	4.36	2.84	2.31	.44	.42	.89 AMP
245	38.65	24.24	608	137.68	341.74	81.82	182.81	28.12	278.35	221.88	272.86 PHASE
246	36.23	28.02	607	16.21	11.74	4.63	2.87	2.25	.61	.43	.15 AMP
247	38.58	28.60	608	131.56	337.18	72.46	94.81	356.19	248.98	289.71	336.66 PHASE
248	48.94	21.78	608	16.31	12.83	4.61	1.88	3.12	.88	.28	.43 AMP
249	43.57	22.58	608	128.33	338.29	66.87	78.73	321.76	247.25	198.51	43.84 PHASE
250	45.98	23.49	608	16.24	15.31	3.58	2.23	4.32	.96	.35	.56 AMP
251	46.77	26.81	682	124.81	336.39	79.24	78.54	318.28	282.55	142.59	77.69 PHASE
				13.28	14.35	6.79	2.64	1.43	.38	.24	.28 AMP
				141.54	348.51	188.24	44.44	67.77	338.13	255.18	288.75 PHASE
				13.54	13.91	6.38	2.29	1.34	.23	.19	.38 AMP
				137.21	339.27	82.56	27.94	41.28	292.89	226.69	178.28 PHASE
				13.93	13.85	5.74	2.88	1.15	.21	.22	.27 AMP
				136.21	348.42	81.74	39.16	38.83	248.88	288.48	172.22 PHASE
				14.48	13.88	5.59	1.88	.77	.41	.24	.28 AMP
				135.98	344.78	88.58	57.73	33.86	231.87	231.88	189.65 PHASE
				14.68	12.75	5.52	1.37	.61	.52	.24	.12 AMP
				129.45	348.94	83.85	62.33	355.26	227.79	268.83	193.52 PHASE
				14.51	13.43	5.11	1.66	1.69	.81	.18	.16 AMP
				128.83	348.51	86.86	33.84	387.88	269.19	24.74	63.39 PHASE
				14.42	14.68	5.88	2.63	2.39	1.87	.21	.38 AMP
				123.88	344.87	87.85	30.18	388.11	285.41	52.34	98.88 PHASE
				14.22	13.89	5.59	1.74	.95	.31	.25	.29 AMP
				133.52	333.52	77.38	34.43	19.58	228.31	218.49	164.87 PHASE
				11.75	11.39	5.14	1.87	1.51	.27	.18	.21 AMP
				139.39	350.69	87.94	23.98	33.98	281.37	196.83	157.58 PHASE
				12.17	11.38	4.71	1.64	1.57	.38	.28	.23 AMP
				138.13	353.35	84.18	19.43	22.18	256.48	223.75	167.83 PHASE
				12.74	11.95	4.56	1.48	1.37	.36	.22	.25 AMP
				136.41	348.86	76.86	14.11	8.18	241.48	257.51	165.97 PHASE
				13.17	12.39	4.25	1.18	1.48	.39	.27	.16 AMP
				132.64	344.54	68.27	.13	381.74	228.81	279.12	129.88 PHASE
				13.54	12.88	3.89	1.82	1.33	.65	.32	.15 AMP
				125.12	348.29	65.38	317.84	278.73	225.92	385.87	17.72 PHASE
				13.68	13.69	4.28	2.48	2.18	1.81	.27	.26 AMP
				119.98	334.32	62.83	326.48	261.88	236.78	329.93	12.29 PHASE

TABLE VI.- Continued

(c) Continued

CHORDWISE 37 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
224	32.17	47.35	600	16.27	7.03	6.77	4.74	0.36	19.47	1.94	.29 AMP
225	29.29	62.04	600	264.30	135.10	257.41	102.52	250.47	243.90	175.91	35.77 PHASE
226	25.59	61.05	600	28.59	9.66	10.91	6.32	12.05	24.09	1.50	.76 AMP
227	22.35	66.03	600	285.02	154.90	285.20	99.50	261.29	201.07	199.22	49.98 PHASE
228	19.10	70.66	600	34.51	13.04	11.10	7.55	14.37	13.05	3.05	.34 AMP
229	17.31	93.05	600	302.91	154.32	203.65	05.09	270.29	223.09	40.70	326.57 PHASE
230	20.97	124.65	600	45.03	15.29	12.59	9.17	13.46	10.90	1.02	1.76 AMP
231	30.52	49.70	600	319.75	160.15	204.51	03.50	295.71	330.21	131.74	25.47 PHASE
232	20.70	46.06	600	50.59	15.74	16.67	10.26	11.46	11.43	6.06	2.61 AMP
233	26.70	54.93	600	333.20	167.21	291.19	02.16	330.50	13.70	207.95	51.10 PHASE
234	24.72	65.06	600	69.09	10.43	22.59	13.16	9.13	10.09	0.56	3.90 AMP
235	22.67	77.24	600	339.64	166.77	204.17	62.25	330.03	15.05	294.10	29.56 PHASE
236	22.55	95.04	600	72.74	29.03	20.64	12.04	11.75	34.20	13.05	5.42 AMP
237	24.66	120.06	600	350.16	190.50	300.39	96.23	194.93	205.42	221.23	51.56 PHASE
238	29.05	47.64	600	16.71	7.56	6.34	3.70	10.05	17.06	4.04	.01 AMP
239	29.69	44.00	600	202.99	147.73	299.73	123.25	209.03	250.17	137.02	43.61 PHASE
240	31.00	99.17	600	25.01	11.26	0.15	3.65	11.59	7.20	1.72	.46 AMP
241	27.64	70.91	600	304.46	161.42	301.15	77.06	290.74	291.97	112.74	45.21 PHASE
242	26.23	90.37	600	34.03	13.23	9.04	7.30	12.30	11.29	2.53	1.11 AMP
243	26.47	111.02	600	320.13	161.90	200.37	66.00	294.91	297.00	122.96	27.40 PHASE
244	29.03	127.04	600	45.55	14.16	11.90	0.79	11.92	11.45	.67	1.40 AMP
245	27.05	69.54	600	333.10	174.37	200.12	00.03	311.21	339.02	267.61	56.03 PHASE
246	29.99	48.41	600	50.32	15.84	16.97	10.70	10.05	10.52	5.45	2.93 AMP
247	30.57	63.13	600	337.94	179.42	202.04	65.10	314.20	344.24	205.10	9.90 PHASE
248	30.07	82.22	600	70.17	21.13	25.03	10.52	.00	9.99	2.72	2.05 AMP
249	31.00	99.17	600	350.71	189.47	206.45	57.60	344.64	57.43	329.45	19.16 PHASE
250	31.77	123.56	600	72.31	20.05	20.15	14.66	14.42	15.50	7.94	3.70 AMP
251	32.03	143.98	600	357.55	190.33	207.93	60.33	190.52	175.64	152.20	.05 PHASE
				10.47	0.34	4.01	2.12	5.22	22.74	3.09	.39 AMP
				209.50	163.96	332.09	60.53	290.10	220.40	149.00	340.05 PHASE
				10.30	12.06	7.05	3.11	6.62	15.11	2.55	.52 AMP
				300.03	169.25	300.02	9.04	260.07	109.07	111.46	42.44 PHASE
				29.52	14.70	9.44	5.30	0.04	16.32	2.12	.01 AMP
				326.34	102.14	206.20	29.05	272.07	246.91	204.55	09.92 PHASE
				41.60	17.30	13.71	7.59	9.44	20.45	3.46	.46 AMP
				330.69	190.59	290.40	52.00	279.72	201.05	201.54	124.05 PHASE
				67.03	19.39	19.61	9.60	0.25	19.90	6.19	.07 AMP
				343.64	200.37	203.46	53.66	252.90	205.62	200.14	179.02 PHASE
				71.76	25.25	20.52	12.30	0.32	10.30	1.45	1.06 AMP
				356.70	215.22	295.03	66.55	216.54	13.65	14.09	342.42 PHASE
				76.47	31.60	31.30	12.53	15.43	9.10	9.72	1.64 AMP
				.73	215.46	293.71	60.93	201.00	142.02	118.63	14.59 PHASE
				36.44	16.33	12.57	6.36	9.12	10.50	2.50	.77 AMP
				320.00	190.17	279.04	31.05	259.44	244.54	206.37	49.73 PHASE
				16.60	12.26	5.70	4.64	5.50	10.97	3.00	1.03 AMP
				331.00	100.25	315.02	29.36	246.02	227.01	109.46	109.00 PHASE
				20.23	14.50	0.13	6.02	6.69	19.69	1.47	.76 AMP
				330.44	202.17	203.17	25.60	254.69	264.00	172.20	121.90 PHASE
				42.77	17.14	11.91	7.04	7.93	20.57	1.45	.56 AMP
				343.73	209.20	274.27	27.66	237.70	276.10	215.32	99.49 PHASE
				59.65	19.04	16.79	9.10	9.42	19.76	2.25	.34 AMP
				346.05	214.07	267.54	27.44	213.66	277.02	252.69	76.07 PHASE
				01.97	20.66	25.39	10.00	11.20	12.07	5.03	1.10 AMP
				350.76	215.67	268.51	13.51	169.97	321.77	333.07	299.39 PHASE
				90.91	33.37	29.40	0.23	14.03	11.43	10.43	2.34 AMP
				353.09	212.20	260.60	350.51	140.10	30.00	13.52	201.70 PHASE

TABLE VI.- Continued

(c) Continued

TORSION 36 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
224	4.06	5.12	600	2.32	1.96	1.13	.68	.22	.16	.04	.07 AMP
225	3.17	5.23	600	29.36	257.77	136.65	.83	141.97	339.56	51.20	18.74 PHASE
226	2.15	5.00	600	3.15	1.77	1.08	.73	.33	.17	.05	.12 AMP
227	.87	6.50	600	30.88	259.21	142.59	7.09	149.06	22.03	236.12	119.47 PHASE
228	-7.7	9.25	600	3.96	1.48	1.23	.31	.21	.09	.10	.13 AMP
229	-2.93	14.42	600	20.13	254.99	141.61	4.92	213.60	87.40	311.74	120.20 PHASE
230	-6.04	23.99	600	5.22	.83	1.70	.29	.40	.04	.06	.12 AMP
231	3.20	5.20	600	26.74	260.56	166.25	322.66	191.02	328.53	297.42	144.97 PHASE
232	2.53	4.02	600	7.16	.30	2.16	.86	.51	.38	.04	.12 AMP
233	1.59	4.53	600	26.77	149.40	191.26	315.67	279.89	19.06	26.94	168.03 PHASE
234	.60	5.99	600	10.46	1.49	2.00	1.24	.33	.27	.55	.10 AMP
235	-.03	9.27	600	20.49	90.90	199.33	324.03	215.66	199.48	232.40	210.84 PHASE
236	-3.09	15.33	600	15.45	.64	4.00	1.49	5.60	4.95	2.05	1.65 AMP
237	-5.03	21.11	600	17.97	306.34	259.90	305.25	239.24	206.23	304.00	330.52 PHASE
238	2.43	4.36	600	2.17	1.96	1.13	.82	.11	.10	.11	.11 AMP
239	1.00	4.90	600	36.29	269.71	137.74	355.16	210.52	318.87	174.46	89.65 PHASE
240	1.07	5.90	600	2.70	1.75	1.04	.39	.49	.11	.08	.12 AMP
241	-.12	7.49	600	37.50	279.02	144.60	12.03	242.99	177.03	177.76	135.90 PHASE
242	-1.09	11.00	600	3.51	1.29	.89	.25	.43	.25	.11	.14 AMP
243	-3.10	16.77	600	32.54	200.00	160.69	348.94	220.38	148.92	174.47	126.91 PHASE
244	-4.54	20.02	600	4.66	1.01	1.22	.50	.33	.32	.23	.17 AMP
245	.33	7.04	600	34.50	293.03	199.32	351.13	214.42	146.74	197.02	172.09 PHASE
246	1.26	5.25	607	6.74	.47	2.24	1.02	.60	.32	.19	.17 AMP
247	.62	6.04	608	30.13	204.71	200.07	346.64	175.06	189.37	210.54	171.93 PHASE
248	-.01	7.12	600	10.33	.94	2.70	1.62	3.11	2.01	1.24	.71 AMP
249	-.77	8.48	600	25.12	00.40	211.00	58.52	163.39	212.17	247.79	270.14 PHASE
250	-2.37	13.09	600	13.01	.30	3.93	1.15	5.43	4.00	2.54	1.63 AMP
251	-3.44	17.32	602	21.05	81.47	1.03	104.40	192.60	244.53	272.17	305.51 PHASE
				1.95	1.82	1.03	.46	.22	.13	.12	.12 AMP
				50.49	302.23	170.91	344.43	242.15	97.63	120.19	24.26 PHASE
				2.62	2.17	1.10	.27	.19	.13	.07	.09 AMP
				43.70	293.79	171.62	354.36	240.07	93.12	35.30	21.32 PHASE
				3.46	2.25	1.49	.41	.07	.19	.07	.09 AMP
				40.39	290.00	192.67	346.78	167.12	104.22	104.93	63.90 PHASE
				4.72	2.29	2.17	1.00	.47	.37	.14	.12 AMP
				40.31	302.75	217.11	4.79	118.29	159.83	223.47	72.54 PHASE
				6.65	1.73	3.27	1.61	.81	.50	.30	.17 AMP
				33.95	297.95	213.97	351.45	112.50	172.44	230.26	52.94 PHASE
				10.19	.60	3.50	2.60	3.10	1.91	.90	.46 AMP
				33.20	350.76	223.21	66.34	161.40	217.50	264.25	205.30 PHASE
				12.22	.78	4.30	2.23	4.02	3.39	2.02	1.17 AMP
				20.49	330.79	225.49	91.15	170.77	232.46	268.63	295.42 PHASE
				4.10	2.50	1.97	.64	.27	.20	.09	.09 AMP
				30.21	297.01	193.49	343.69	96.22	123.24	166.95	46.22 PHASE
				2.64	2.16	1.45	.43	.12	.16	.09	.11 AMP
				44.10	305.60	203.10	11.70	230.52	110.20	120.90	42.41 PHASE
				3.31	2.40	1.60	.43	.24	.27	.13	.09 AMP
				41.95	307.69	210.35	15.23	192.63	133.94	193.20	55.97 PHASE
				4.14	2.73	1.95	.60	.43	.46	.22	.08 AMP
				39.43	305.16	210.45	13.37	156.29	140.97	212.74	51.99 PHASE
				5.33	2.05	2.50	1.05	.50	.64	.29	.14 AMP
				35.40	307.09	210.50	359.06	120.59	139.14	211.21	47.36 PHASE
				8.49	1.99	1.30	2.44	2.23	1.39	.61	.24 AMP
				29.40	303.37	203.20	14.85	100.59	139.24	194.44	197.72 PHASE
				13.30	1.65	3.72	2.00	3.61	2.19	1.00	.64 AMP
				24.91	301.43	199.95	35.30	107.65	140.90	192.61	213.53 PHASE

TABLE VI.- Continued

(c) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
224	15.25	32.84	608	18.35	17.33	7.51	.71	.39	1.27	2.48	.85 AMP
225	17.82	32.38	608	132.77	327.64	62.02	341.21	281.14	185.22	37.78	333.74 PHASE
226	28.03	31.38	608	19.16	15.61	6.77	.64	.12	1.26	2.37	.72 AMP
227	22.32	31.96	608	133.94	326.78	54.41	323.87	159.72	97.85	44.74	346.27 PHASE
228	24.67	32.38	608	20.08	14.38	6.76	.65	.39	1.32	2.15	.98 AMP
229	26.61	35.33	608	132.94	321.64	41.58	333.24	126.94	84.13	49.53	344.82 PHASE
230	27.38	39.32	608	20.98	13.62	7.42	.66	.57	1.57	2.42	1.28 AMP
231	16.75	34.28	608	133.54	324.82	43.96	354.47	110.04	85.01	63.73	359.36 PHASE
232	19.13	32.89	608	21.93	13.01	7.88	.34	.65	1.42	2.51	1.81 AMP
233	21.78	38.61	608	133.99	329.99	46.59	354.96	142.81	94.67	80.18	22.55 PHASE
234	24.18	29.59	608	22.35	14.07	7.72	.26	.58	1.85	3.76	3.17 AMP
235	26.52	38.03	608	129.78	325.21	35.26	170.08	129.53	65.05	66.58	359.96 PHASE
236	28.84	32.98	608	21.76	22.82	5.14	1.47	1.91	2.73	.95	2.65 AMP
237	29.72	35.95	608	131.05	330.04	55.93	198.19	88.16	129.37	77.99	350.56 PHASE
238	19.38	32.98	608	18.37	17.76	7.61	.88	.57	.97	2.09	.28 AMP
239	21.74	31.49	608	134.93	334.14	62.75	334.88	261.51	114.45	33.83	192.17 PHASE
240	24.41	38.67	608	18.82	16.02	6.66	.68	.03	.89	1.84	.14 AMP
241	26.88	38.68	608	135.67	337.28	63.55	350.61	59.93	108.01	49.14	36.84 PHASE
242	29.58	38.78	608	19.47	14.18	6.02	.48	.21	.95	1.75	.57 AMP
243	32.22	31.84	608	133.83	330.23	46.27	4.99	74.27	79.72	43.36	7.68 PHASE
244	33.26	34.49	608	19.93	13.58	5.81	.16	.48	1.79	.91	.91 AMP
245	26.49	38.32	608	135.56	333.63	53.75	352.58	77.79	80.18	58.66	353.51 PHASE
246	24.89	25.22	607	21.11	13.78	6.36	.07	.75	1.19	2.86	1.47 AMP
247	27.40	25.27	608	133.35	329.17	47.62	277.18	58.11	66.05	51.15	344.54 PHASE
248	29.89	26.01	608	21.71	15.08	7.03	.17	1.47	2.24	3.35	2.57 AMP
249	32.71	26.86	608	129.48	331.25	47.45	244.03	42.43	72.51	74.22	6.69 PHASE
250	35.52	28.68	608	21.67	18.78	5.96	.51	2.27	2.88	2.61	2.58 AMP
251	36.47	38.98	602	127.38	331.49	59.23	180.89	47.58	181.27	95.67	14.18 PHASE
				16.95	17.67	7.33	.87	.81	.36	1.32	.19 AMP
				130.41	345.78	81.72	2.93	299.08	160.89	31.35	261.73 PHASE
				17.34	16.77	7.16	.77	.83	.17	1.34	.21 AMP
				131.52	335.27	60.54	338.32	286.55	84.48	356.52	239.36 PHASE
				18.12	15.58	6.96	.48	.83	.28	1.52	.04 AMP
				131.39	335.09	57.68	322.68	298.38	79.93	6.31	218.39 PHASE
				19.18	15.32	7.26	.56	.88	.29	1.49	.11 AMP
				132.12	338.44	64.74	287.96	325.85	63.48	25.37	285.98 PHASE
				19.67	14.72	7.39	.74	.96	.44	1.64	.31 AMP
				127.78	333.89	57.83	234.51	318.54	27.09	5.78	273.44 PHASE
				19.88	15.88	7.72	1.32	1.88	1.52	2.29	1.19 AMP
				133.41	348.66	63.71	279.35	8.53	90.20	67.68	10.79 PHASE
				19.65	17.87	7.94	.62	2.28	2.14	1.98	1.48 AMP
				121.84	337.43	68.25	278.53	19.37	113.33	85.78	25.38 PHASE
				13.64	15.26	7.24	.58	.88	.17	1.46	.85 AMP
				129.34	332.38	52.69	288.45	295.70	89.57	.31	16.98 PHASE
				14.92	13.57	6.28	.55	.72	.19	.65	.36 AMP
				133.29	345.21	67.35	303.99	294.41	156.45	16.63	70.92 PHASE
				15.57	13.14	5.14	.48	.71	.16	.66	.46 AMP
				131.47	345.39	61.58	283.77	301.93	112.27	5.03	98.64 PHASE
				16.34	13.52	6.62	.53	.88	.11	.71	.35 AMP
				133.36	342.57	54.53	250.51	312.09	62.85	358.93	91.23 PHASE
				17.12	13.72	6.97	.76	.93	.15	.79	.36 AMP
				131.15	337.21	45.98	213.29	303.65	357.96	344.84	54.28 PHASE
				18.07	14.45	7.28	1.21	1.48	.74	1.63	.91 AMP
				127.21	331.85	48.03	217.92	303.38	14.47	10.86	.78 PHASE
				18.21	15.84	8.09	.53	1.78	.95	1.75	1.06 AMP
				124.73	326.45	38.77	216.36	311.55	49.63	33.47	7.92 PHASE

TABLE VI.- Continued

(c) Continued

CHORDWISE 51 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
224	42.57	48.56	608	14.71	5.27	4.89	4.37	9.53	23.88	1.62	.81 AMP
225	39.82	61.64	608	264.78	132.58	261.84	187.25	259.28	246.63	176.46	338.75 PHASE
226	37.44	57.77	608	22.18	7.78	8.44	6.36	13.33	29.34	1.88	.71 AMP
227	34.46	63.55	608	284.89	154.24	295.12	181.39	262.89	283.71	288.58	56.76 PHASE
228	38.62	78.19	608	29.68	18.79	8.69	7.88	15.55	16.49	6.18	.58 AMP
229	27.51	98.94	608	381.54	153.96	294.37	84.61	271.38	328.82	46.84	275.18 PHASE
230	29.19	128.36	608	39.64	12.94	18.12	9.81	14.53	14.87	2.94	1.95 AMP
231	48.16	48.88	608	317.72	156.76	294.29	82.83	299.28	345.74	115.15	35.85 PHASE
232	38.64	43.43	608	51.32	13.92	14.26	11.58	12.67	15.82	7.89	3.85 AMP
233	37.12	53.67	608	338.95	168.43	299.89	78.52	346.68	21.45	285.13	59.69 PHASE
234	35.59	68.82	608	61.78	18.27	21.83	15.82	18.18	13.73	8.82	4.98 AMP
235	33.54	68.75	608	338.51	159.59	291.84	58.89	348.32	21.61	295.11	26.24 PHASE
236	32.28	91.24	608	63.38	38.71	31.63	15.68	13.16	48.45	18.57	7.81 AMP
237	33.15	116.18	608	359.29	194.27	313.14	95.42	281.15	286.33	223.26	61.27 PHASE
238	39.88	52.81	608	14.74	5.61	4.53	3.66	11.34	21.27	4.97	.47 AMP
239	39.44	44.91	608	282.91	147.28	324.28	127.11	289.84	253.86	136.18	82.57 PHASE
240	38.35	59.63	608	21.65	8.73	5.95	3.95	12.81	8.96	2.68	.84 AMP
241	37.13	76.94	608	382.41	162.67	318.24	82.81	299.44	298.74	112.46	11.22 PHASE
242	35.16	92.93	608	29.75	18.65	6.69	7.95	13.66	13.77	3.94	.57 AMP
243	33.95	184.84	608	316.73	161.78	293.35	68.77	295.55	383.95	125.34	51.93 PHASE
244	35.76	126.22	608	38.78	11.52	9.33	9.33	13.28	14.33	.99	.88 AMP
245	37.76	69.48	608	329.43	172.16	298.18	83.49	312.94	344.68	214.28	62.16 PHASE
246	39.27	48.64	607	49.98	13.18	14.37	11.57	11.17	13.57	6.87	2.58 AMP
247	39.28	68.37	608	334.48	175.46	298.78	66.18	318.97	358.88	282.72	4.68 PHASE
248	38.59	98.28	608	59.85	28.84	25.81	18.23	.54	12.87	1.65	3.89 AMP
249	38.24	111.23	608	349.12	184.91	295.54	58.12	19.48	58.65	338.72	15.48 PHASE
250	38.88	129.82	602	61.89	29.87	29.29	16.65	16.38	18.84	11.53	5.12 AMP
251	38.88	129.82	602	358.81	194.29	298.77	73.72	285.19	178.84	169.24	4.89 PHASE
				9.57	6.17	4.26	2.27	6.44	27.19	4.82	.17 AMP
				298.86	165.54	9.53	47.16	291.58	222.99	159.16	359.27 PHASE
				16.25	9.16	5.79	3.44	7.87	17.68	3.48	.78 AMP
				385.82	173.15	337.67	8.98	261.81	191.47	118.74	63.56 PHASE
				25.18	11.27	6.95	5.79	9.48	19.66	2.95	1.55 AMP
				321.78	185.74	388.88	33.17	272.83	268.38	287.87	118.88 PHASE
				35.88	13.47	18.98	8.84	11.24	25.33	4.47	1.45 AMP
				333.86	281.88	388.79	55.41	279.11	284.14	256.31	145.44 PHASE
				48.78	15.55	16.93	18.36	18.28	25.21	6.58	.71 AMP
				339.81	199.86	296.79	55.28	251.74	288.24	266.57	144.27 PHASE
				68.56	23.41	27.81	14.42	18.28	12.88	1.85	1.13 AMP
				355.21	211.83	388.24	78.12	228.57	14.37	52.59	348.75 PHASE
				63.81	38.56	31.11	14.81	18.87	18.54	13.17	1.63 AMP
				.86	211.56	386.73	76.36	284.87	151.83	125.38	11.69 PHASE
				38.97	12.64	9.75	6.77	18.73	22.65	3.43	1.39 AMP
				323.75	193.81	298.38	33.61	259.52	248.81	288.17	75.81 PHASE
				14.13	9.88	5.88	5.87	6.57	22.96	4.17	2.83 AMP
				328.39	192.91	345.48	28.88	248.64	238.47	113.84	111.58 PHASE
				23.47	11.68	5.92	6.53	7.64	24.32	2.14	1.57 AMP
				335.82	286.42	385.98	27.28	256.68	267.48	188.93	127.33 PHASE
				35.18	13.53	9.89	8.38	8.87	25.78	2.12	1.42 AMP
				339.94	214.38	292.33	28.83	239.74	278.26	224.86	116.81 PHASE
				48.68	15.41	13.76	9.98	18.94	24.75	2.86	1.85 AMP
				342.32	218.34	283.23	27.52	214.94	277.98	254.87	78.63 PHASE
				66.48	22.72	24.23	12.94	13.28	15.48	6.28	1.73 AMP
				348.71	215.26	281.85	17.74	171.93	328.73	342.65	318.26 PHASE
				72.71	29.74	29.36	18.96	17.37	12.55	13.38	3.28 AMP
				352.74	218.18	282.18	12.57	141.84	42.89	21.66	291.82 PHASE

TABLE VI.- Continued

(c) Continued

TORSION 50 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
224	1.14	3.78	600	1.07	1.48	.72	.46	.00	1.10	.16	.11 AMP
				52.07	274.15	148.53	46.57	145.43	62.66	69.51	1.43 PHASE
225	.69	3.06	600	2.29	1.51	.64	.52	.19	.18	.05	.08 AMP
				52.47	277.19	143.41	52.95	153.05	92.01	90.10	59.36 PHASE
226	.15	3.90	600	2.63	1.46	.75	.22	.11	.20	.16	.14 AMP
				49.06	270.01	136.85	71.83	251.20	126.03	8.60	99.86 PHASE
227	-.55	4.22	600	3.23	1.19	1.02	.04	.26	.09	.15	.11 AMP
				46.76	292.05	163.43	306.50	202.70	130.96	26.09	130.79 PHASE
228	-1.34	5.22	600	4.13	.70	1.37	.53	.27	.25	.21	.18 AMP
				42.96	319.00	187.13	316.10	306.40	60.69	74.03	105.48 PHASE
229	-2.68	0.21	600	5.93	1.05	1.90	.00	.20	.15	.17	.20 AMP
				31.46	22.47	109.34	316.94	230.04	237.03	200.41	273.13 PHASE
230	-6.07	17.57	600	10.00	1.79	3.01	1.03	3.94	4.31	2.18	1.27 AMP
				22.01	355.65	262.99	325.42	265.90	324.16	1.29	5.00 PHASE
231	.46	3.02	600	1.90	1.40	.71	.54	.15	.03	.07	.07 AMP
				56.61	207.64	147.51	33.44	273.01	95.05	79.26	86.46 PHASE
232	.05	3.66	600	2.22	1.43	.59	.30	.36	.15	.04	.07 AMP
				57.45	294.71	149.04	64.13	269.93	175.43	45.02	144.39 PHASE
233	-.42	3.49	600	2.59	1.32	.47	.13	.33	.25	.01	.00 AMP
				53.65	295.56	149.72	94.79	256.17	153.95	269.69	123.51 PHASE
234	-.92	4.18	600	3.14	1.35	.69	.11	.10	.36	.12	.12 AMP
				54.07	309.83	190.34	9.23	262.74	160.50	254.06	194.47 PHASE
235	-1.62	5.22	600	4.13	1.20	1.25	.42	.32	.30	.12	.15 AMP
				46.52	315.60	200.53	340.74	199.65	186.65	309.05	170.63 PHASE
236	-3.09	10.27	600	6.30	1.20	1.93	.54	2.11	1.55	.98	.47 AMP
				35.13	14.00	195.17	107.56	106.76	240.05	304.16	329.30 PHASE
237	-4.60	15.01	600	0.53	1.24	2.40	.52	3.00	3.30	2.09	1.09 AMP
				29.09	0.07	229.74	101.43	217.35	279.66	327.74	350.05 PHASE
238	-.02	3.39	600	1.05	1.46	.61	.24	.21	.14	.12	.08 AMP
				67.53	310.00	109.30	34.20	307.51	125.36	103.30	49.49 PHASE
239	-.30	3.90	600	2.31	1.71	.72	.20	.26	.17	.17	.04 AMP
				50.61	307.03	101.23	50.79	290.06	110.07	42.11	83.59 PHASE
240	-.77	4.71	600	2.01	1.09	.00	.19	.12	.23	.09	.07 AMP
				55.62	310.43	197.75	51.72	333.37	102.05	07.40	57.34 PHASE
241	-1.23	5.90	600	3.49	2.14	1.24	.45	.20	.36	.12	.17 AMP
				54.94	316.34	210.51	36.01	93.95	152.55	201.27	50.77 PHASE
242	-1.02	6.70	600	4.50	2.03	1.01	.72	.42	.44	.31	.22 AMP
				47.94	313.39	216.02	13.02	105.94	163.44	203.06	49.06 PHASE
243	-3.25	10.40	600	6.06	1.36	2.12	1.47	2.00	1.33	.93	.91 AMP
				42.00	347.76	210.70	102.24	105.50	244.43	310.17	7.07 PHASE
244	-4.44	14.55	600	0.40	1.47	2.60	1.34	3.16	2.61	1.06	.01 AMP
				36.15	345.26	225.60	132.75	207.70	267.27	319.09	351.92 PHASE
245	-1.19	5.45	600	3.20	2.13	1.17	.20	.16	.29	.03	.12 AMP
				52.54	300.09	203.43	20.31	54.64	116.05	207.30	14.52 PHASE
246	-.62	4.07	607	2.34	1.70	.09	.20	.12	.16	.00	.10 AMP
				50.36	317.71	214.00	55.79	319.02	129.32	107.35	43.01 PHASE
247	-1.01	4.00	600	2.03	1.09	.27	.00	.24	.06	.13	.13 AMP
				55.52	317.54	220.17	61.06	241.30	130.70	227.74	45.22 PHASE
248	-1.41	5.61	600	3.41	2.13	1.20	.43	.22	.36	.15	.13 AMP
				52.39	314.90	210.97	50.95	169.04	149.33	250.22	30.75 PHASE
249	-1.00	6.57	600	4.13	2.36	1.46	.50	.36	.49	.23	.15 AMP
				40.06	310.32	210.33	33.45	130.53	147.12	253.93	23.46 PHASE
250	-2.67	9.09	600	5.05	2.11	1.77	1.45	1.54	1.11	.60	.19 AMP
				40.40	313.02	200.65	47.56	121.92	163.93	241.09	290.59 PHASE
251	-3.39	11.16	602	6.99	1.93	2.10	1.03	2.44	1.60	.99	.42 AMP
				34.04	315.29	197.00	69.21	131.96	101.02	230.00	270.05 PHASE

TABLE VI.- Continued

(c) Continued

FLAPWISE 77 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
224	-2.62	38.82	688	16.71	14.57	5.81	3.84	3.32	.26	2.47	1.49
225	.56	38.32	688	135.61	323.59	38.84	212.88	286.19	163.62	287.92	145.76
226	3.47	38.17	688	17.46	12.88	4.63	2.25	3.43	.36	2.38	1.38
227	6.51	38.12	688	136.68	322.98	36.17	218.21	197.78	166.56	212.63	163.48
228	9.72	31.24	688	18.44	11.68	4.33	1.99	3.78	.68	2.81	1.55
229	12.82	32.83	688	135.72	317.54	35.33	216.82	181.66	126.81	214.71	161.59
230	12.88	42.67	688	19.62	18.58	4.43	1.72	4.19	.60	2.86	1.89
231	-1.64	31.68	688	137.49	319.49	43.78	228.33	171.85	148.29	231.52	172.81
232	2.28	29.97	688	21.23	9.63	4.36	1.28	3.86	.74	2.83	2.69
233	5.81	29.43	688	139.82	323.69	51.58	257.12	177.85	138.74	247.14	198.25
234	7.69	29.88	688	22.26	18.14	3.58	1.99	4.37	1.23	3.43	4.52
235	18.52	31.69	688	135.88	318.57	28.59	284.73	148.47	128.28	236.61	179.38
236	12.68	32.37	688	21.96	17.56	3.21	1.87	9.18	1.98	1.64	3.82
237	12.88	35.85	688	139.37	324.88	22.17	71.73	188.29	189.34	247.19	173.14
238	1.28	29.67	688	17.58	14.58	5.84	3.16	3.65	.39	2.18	.89
239	3.91	29.83	688	137.75	331.75	38.39	214.57	228.46	53.69	218.21	154.27
240	6.71	29.66	688	18.84	13.13	4.38	2.12	3.76	.49	1.82	.48
241	9.53	38.78	688	139.56	334.28	37.12	229.16	221.88	187.71	221.95	216.95
242	12.54	31.58	688	18.27	11.78	3.84	2.82	3.73	.37	1.58	1.13
243	15.28	32.27	688	138.22	326.86	29.66	249.73	285.16	98.64	214.39	198.44
244	15.97	34.62	688	18.49	11.45	3.68	1.98	3.36	.46	1.68	1.58
245	8.86	38.84	688	141.68	329.11	46.81	287.89	216.79	186.16	224.82	198.88
246	6.56	25.41	687	19.88	11.88	3.98	2.13	2.65	.61	1.60	2.42
247	9.35	25.53	688	138.28	325.16	48.42	286.77	188.15	62.45	218.43	178.99
248	12.86	26.92	688	28.43	12.89	4.15	2.83	3.84	.84	3.25	4.89
249	15.13	29.89	688	138.38	327.69	41.74	314.18	125.12	183.49	245.65	189.82
250	17.82	38.27	688	28.18	16.22	3.77	1.68	6.88	.78	2.87	4.12
251	18.67	38.33	682	137.87	326.57	39.88	333.33	126.81	138.37	278.61	192.11
				17.12	14.71	4.84	2.87	2.36	.48	1.48	.22
				148.28	346.46	51.89	218.62	251.85	88.61	287.93	158.18
				17.66	14.82	4.72	2.28	2.33	.59	1.48	.24
				136.56	335.44	37.88	288.85	238.38	64.68	163.48	189.51
				18.18	13.86	4.59	1.67	2.12	.74	1.38	.31
				137.48	334.22	43.55	232.59	238.63	61.56	167.49	198.46
				19.19	13.17	4.95	1.88	2.16	.66	1.13	.39
				139.91	337.18	56.58	264.44	251.65	63.76	185.21	289.78
				28.11	12.94	5.25	1.88	1.78	.84	1.27	.62
				137.33	329.58	94.16	279.58	237.55	54.53	164.35	162.52
				21.81	13.56	5.53	1.27	1.88	1.22	1.88	1.98
				148.92	336.69	61.78	324.87	143.53	97.18	238.82	195.82
				21.17	15.44	5.87	.92	3.46	1.46	1.73	2.44
				139.91	333.56	62.99	312.14	137.64	95.16	264.89	198.44
				18.71	13.86	4.99	1.54	2.18	.81	1.25	.43
				136.45	331.84	41.67	238.63	227.53	62.51	161.13	194.56
				15.58	11.44	4.11	1.76	2.56	.58	.54	.48
				139.85	345.48	45.11	281.85	221.86	98.15	187.32	258.38
				15.95	11.86	4.42	1.85	2.62	.48	.61	.73
				139.67	343.85	43.88	198.32	211.42	85.81	172.38	254.52
				16.95	11.45	5.81	.65	2.33	.57	.65	.64
				139.21	339.85	48.42	283.59	288.95	61.97	171.11	246.86
				18.81	11.91	5.56	.21	2.46	.88	.71	.76
				137.78	332.81	37.21	182.61	185.35	59.56	158.82	223.18
				19.15	13.39	6.48	.65	1.54	1.33	1.58	1.36
				135.81	327.32	34.84	65.25	189.96	61.34	184.92	177.71
				19.19	14.59	7.16	.71	2.96	1.47	1.64	1.37
				134.94	323.89	31.68	49.37	81.82	56.15	216.88	174.93

TABLE VI.- Continued

(c) Continued

CHORDWISE 77 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
224	68.26	27.17	688	8.59	9.89	3.27	7.85	5.64	9.22	2.89	1.41
225	61.67	32.75	688	164.84	321.52	27.83	174.57	232.26	238.44	288.12	158.25
226	63.75	27.93	688	7.18	7.37	3.89	1.75	6.55	11.24	1.65	1.34
227	65.17	23.28	688	164.12	316.43	8.86	137.67	235.69	275.92	287.65	152.33
228	66.68	27.61	688	4.87	5.87	4.83	2.28	6.21	6.21	1.85	1.62
229	67.42	32.42	688	178.18	387.41	4.94	185.48	238.64	326.17	55.96	161.31
230	67.61	55.51	688	2.86	4.71	4.32	2.81	3.99	5.34	1.87	1.68
231	68.12	29.54	688	189.52	389.84	7.82	98.21	255.95	349.82	138.77	141.96
232	68.54	21.59	688	1.59	3.86	4.86	3.47	1.85	6.48	3.89	2.24
233	68.78	23.84	688	325.66	321.25	1.18	74.86	336.98	28.89	252.82	162.28
234	64.68	24.71	688	5.84	2.56	5.88	4.48	2.52	6.15	4.38	2.63
235	66.28	22.58	688	356.92	324.69	325.74	43.83	48.61	33.87	256.96	148.92
236	68.58	29.54	688	9.36	6.62	18.97	5.49	9.17	15.69	7.72	4.55
237	69.71	58.48	688	35.64	277.64	323.42	72.74	161.57	199.85	215.87	95.45
238	68.16	31.98	688	8.88	8.98	4.64	2.42	5.98	7.88	2.54	1.49
239	61.88	23.79	688	152.52	328.98	24.58	187.15	257.19	247.63	158.88	158.55
240	62.37	26.38	688	6.86	7.28	4.27	8.89	6.89	3.26	1.33	1.88
241	65.17	28.59	688	159.88	328.89	24.66	18.16	264.43	298.19	158.94	199.94
242	67.38	28.18	688	3.54	5.78	3.62	1.43	5.88	5.28	2.86	1.24
243	69.92	28.24	688	168.89	318.38	11.85	72.96	258.86	381.62	142.72	169.59
244	71.59	39.31	688	1.81	5.41	3.45	1.97	5.32	6.88	1.49	1.68
245	65.51	27.64	688	178.14	319.97	11.78	77.24	275.22	342.97	198.38	176.84
246	63.33	23.78	687	358.92	313.17	352.21	54.44	279.87	348.96	253.87	155.97
247	64.24	22.18	688	5.16	4.51	6.98	5.78	3.39	5.45	2.33	2.23
248	66.28	24.79	688	19.88	294.24	323.15	48.66	118.95	57.83	249.42	189.42
249	68.58	28.38	688	7.98	5.62	7.77	4.73	8.99	7.22	4.17	1.57
250	71.33	27.77	688	48.81	271.86	315.64	69.78	168.87	178.43	177.33	219.52
251	72.82	42.88	682	8.14	8.71	4.99	1.28	4.18	18.22	2.41	1.43
				148.25	343.15	48.13	227.97	267.47	215.28	179.75	155.46
				6.38	7.65	5.28	7.88	4.64	6.38	2.27	1.79
				147.69	326.94	25.64	258.83	243.11	182.61	134.83	86.36
				3.97	7.81	4.72	9.88	5.82	7.17	1.95	1.28
				147.61	319.36	19.82	12.32	251.95	246.47	187.49	121.31
				1.74	7.44	5.21	1.76	5.72	9.88	2.83	1.36
				131.85	316.88	16.81	41.42	263.75	288.14	239.17	146.38
				2.38	7.41	5.72	2.71	5.11	18.13	2.68	1.45
				18.58	387.11	356.22	41.31	248.88	283.37	251.61	125.27
				5.47	7.32	8.64	5.37	4.68	4.52	1.48	1.68
				23.45	295.88	343.82	56.58	189.14	7.68	257.37	198.49
				7.83	7.76	8.94	5.87	9.85	4.43	3.88	1.59
				39.26	277.58	339.14	74.25	183.89	161.41	126.74	215.92
				2.52	7.27	5.12	1.37	5.55	8.36	1.96	1.81
				147.58	311.62	7.87	19.12	242.33	243.89	188.88	182.35
				5.88	5.68	4.65	5.55	4.43	8.64	1.75	1.94
				139.52	331.84	31.26	17.52	238.86	223.19	119.16	122.71
				2.76	5.71	4.25	1.55	4.64	9.29	1.18	1.72
				138.74	321.86	28.87	29.86	232.52	268.79	173.68	157.89
				1.24	6.58	4.75	2.43	4.99	18.88	1.11	1.65
				57.89	314.16	6.23	29.97	221.89	272.75	285.92	142.14
				3.69	7.42	5.47	3.32	5.98	9.61	1.38	1.53
				358.82	385.59	348.46	38.38	288.81	271.92	233.56	123.34
				6.92	8.62	8.38	5.44	5.57	5.84	1.68	1.73
				1.18	286.28	322.96	17.89	148.81	319.37	313.67	281.14
				7.96	9.89	18.72	5.45	9.17	5.63	3.99	1.89
				9.64	269.21	316.69	14.74	117.18	59.14	6.48	235.96



TABLE VI.- Continued

(c) Continued

TORSION 75 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
224	-2.28	2.58	688	1.37	.29	.51	.35	.28	.14	.28	.28 AMP
225	-2.49	2.35	688	128.97	274.97	222.18	82.75	358.32	222.65	64.44	318.32 PHASE
226	-2.74	2.38	688	1.43	.41	.31	.18	.07	.11	.38	.38 AMP
227	-2.97	2.65	688	185.34	278.35	226.31	88.82	22.25	285.88	84.72	338.81 PHASE
228	-3.09	3.28	688	1.55	.51	.32	.23	.16	.12	.14	.21 AMP
229	-3.32	4.24	688	93.23	269.17	216.41	96.99	317.13	169.96	5.18	359.85 PHASE
230	-4.48	9.55	688	1.85	.61	.41	.22	.12	.13	.17	.28 AMP
231	-2.64	2.73	688	86.93	288.39	212.82	138.38	236.46	229.81	24.81	21.65 PHASE
232	-2.84	2.53	688	2.31	.64	.53	.17	.26	.09	.18	.15 AMP
233	-3.05	2.68	688	84.15	291.85	211.16	185.64	271.18	387.46	64.63	64.36 PHASE
234	-3.23	2.82	688	2.83	.76	.63	.29	.37	.11	.15	.22 AMP
235	-3.39	3.73	688	78.81	322.41	179.27	189.17	247.27	218.37	77.35	3.21 PHASE
236	-3.88	7.16	688	3.85	.83	1.28	1.45	1.98	2.15	1.81	.54 AMP
237	-4.46	9.88	688	39.88	.12	284.88	271.78	274.16	315.33	32.18	258.18 PHASE
238	-2.89	2.92	688	1.54	.31	.48	.37	.27	.17	.24	.26 AMP
239	-3.85	2.81	688	122.22	287.58	218.28	78.31	358.47	216.99	65.64	346.93 PHASE
240	-3.21	2.87	688	1.63	.35	.37	.26	.19	.15	.17	.22 AMP
241	-3.39	3.55	688	111.13	288.88	229.94	188.26	319.32	199.41	51.11	14.59 PHASE
242	-3.62	4.16	688	1.81	.39	.33	.24	.14	.15	.14	.24 AMP
243	-3.88	6.14	688	97.28	284.52	223.87	127.88	383.61	167.88	36.31	358.28 PHASE
244	-4.37	8.43	688	2.14	.54	.44	.21	.05	.16	.08	.15 AMP
245	-3.39	3.43	688	98.98	298.74	227.78	162.36	383.56	156.55	44.78	28.94 PHASE
246	-3.28	2.82	687	2.63	.72	.65	.23	.22	.17	.16	.16 AMP
247	-3.37	3.18	688	88.23	381.25	211.62	176.48	197.53	198.83	3.36	19.15 PHASE
248	-3.53	3.67	688	3.16	1.14	1.18	.96	1.12	.79	.54	.39 AMP
249	-3.67	4.22	688	68.89	353.89	161.59	167.74	194.87	238.86	347.86	53.68 PHASE
250	-3.98	5.16	688	3.58	2.81	1.85	1.82	1.51	1.64	1.24	.41 AMP
251	-4.14	6.87	682	43.69	352.78	183.85	218.11	222.41	288.15	5.78	79.14 PHASE
				1.88	.42	.54	.33	.28	.08	.21	.15 AMP
				127.38	331.82	237.95	188.86	358.81	283.21	77.32	335.84 PHASE
				1.87	.57	.68	.34	.27	.06	.28	.88 AMP
				187.88	385.33	228.33	183.87	337.28	147.82	23.85	299.65 PHASE
				2.89	.74	.69	.38	.26	.09	.17	.12 AMP
				93.65	383.98	219.53	126.17	14.33	95.46	62.84	347.71 PHASE
				2.49	.97	.86	.26	.38	.22	.06	.23 AMP
				85.97	388.36	226.87	138.58	59.64	124.87	83.67	19.56 PHASE
				2.98	1.13	1.81	.17	.41	.28	.18	.28 AMP
				76.35	383.88	214.31	115.22	65.27	129.58	284.83	15.58 PHASE
				3.57	1.32	1.25	.85	.75	.58	.45	.45 AMP
				66.98	344.74	186.35	145.37	171.85	246.61	347.58	76.83 PHASE
				3.73	1.93	1.41	.87	1.88	1.47	1.86	.51 AMP
				53.51	346.88	192.75	177.46	284.99	273.76	348.48	67.81 PHASE
				2.36	.91	.83	.29	.31	.15	.12	.18 AMP
				85.25	381.44	214.53	125.48	29.24	87.54	59.63	338.56 PHASE
				1.91	.67	.69	.21	.23	.05	.12	.15 AMP
				189.13	321.92	231.97	116.26	12.89	185.46	74.95	342.87 PHASE
				2.14	.81	.78	.21	.17	.12	.07	.17 AMP
				96.35	316.16	229.86	137.28	39.93	183.88	115.43	1.41 PHASE
				2.58	.98	.86	.22	.28	.06	.19	.19 AMP
				85.88	389.62	228.75	124.43	78.78	189.89	163.42	.22 PHASE
				3.88	1.13	.96	.18	.27	.31	.18	.28 AMP
				75.57	383.85	213.26	187.18	73.84	186.44	193.83	358.97 PHASE
				3.68	1.38	1.86	.54	.66	.58	.27	.31 AMP
				62.46	328.41	175.43	94.53	185.28	156.84	246.53	2.24 PHASE
				3.98	1.51	1.48	.86	.87	.81	.42	.25 AMP
				52.61	328.22	159.53	113.37	122.35	198.81	255.55	15.98 PHASE

TABLE VI.- Continued

(c) Concluded

PITCH LINK											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
224	-2.91	8.86	688	3.64	2.85	.83	.98	.88	.38	.45	.38 AMP
				231.76	92.16	382.91	288.62	285.93	118.49	32.77	318.29 PHASE
225	-2.23	8.62	688	4.82	2.61	.51	1.16	.21	.19	.65	.29 AMP
				238.93	89.38	322.55	285.25	26.89	76.92	52.18	326.29 PHASE
226	-1.38	8.95	688	6.88	2.89	.62	.88	.53	.27	.49	.36 AMP
				229.65	79.63	335.73	196.92	138.79	37.69	34.48	3.15 PHASE
227	-1.16	9.92	688	7.51	1.48	.95	.77	.84	.36	.61	.44 AMP
				226.77	73.86	16.83	283.12	188.98	74.85	55.69	6.43 PHASE
228	1.13	11.87	688	9.32	.88	1.29	.92	1.43	.32	.52	.57 AMP
				224.88	51.65	45.16	193.22	145.88	157.45	84.36	12.94 PHASE
229	3.26	18.71	688	13.81	1.18	2.31	1.53	1.18	.87	1.42	.69 AMP
				215.39	315.22	57.15	194.43	121.62	68.14	79.57	7.38 PHASE
230	6.57	31.64	688	18.45	1.76	5.62	1.81	6.67	5.85	3.84	1.79 AMP
				214.92	76.94	183.55	226.22	98.52	138.84	142.82	192.92 PHASE
231	-1.91	7.19	688	3.82	2.76	.87	1.82	.87	.36	.59	.38 AMP
				256.71	181.48	292.56	195.54	165.28	182.28	16.68	338.93 PHASE
232	-1.48	6.82	688	3.73	2.58	.48	.62	.49	.48	.43	.41 AMP
				243.38	187.95	383.29	212.72	139.64	88.61	38.89	355.91 PHASE
233	-.66	7.38	688	4.69	1.88	.21	.52	.54	.51	.68	.39 AMP
				232.36	186.18	12.76	284.88	127.27	48.82	25.62	346.61 PHASE
234	.14	8.94	688	6.85	1.62	.88	.78	.55	.68	.57	.43 AMP
				231.39	114.25	66.44	217.53	138.21	46.35	45.84	14.42 PHASE
235	1.23	12.55	688	8.24	1.38	1.84	1.36	.78	.76	.68	.47 AMP
				225.86	99.19	64.66	215.63	86.92	58.71	37.17	4.73 PHASE
236	3.88	19.18	688	12.88	.18	2.58	2.96	2.65	1.81	.83	.83 AMP
				219.23	57.78	65.39	253.84	27.95	62.16	83.84	87.13 PHASE
237	4.56	26.62	688	15.18	.93	4.24	2.84	6.87	4.71	2.89	1.68 AMP
				216.57	88.88	78.58	272.12	47.87	98.53	116.87	142.66 PHASE
238	-.84	5.95	688	2.88	2.88	.45	.79	.18	.15	.38	.12 AMP
				263.69	123.28	33.53	199.96	176.99	31.28	8.29	3.97 PHASE
239	-.39	6.78	688	3.57	3.85	.46	.67	.22	.26	.34	.18 AMP
				249.98	115.63	7.36	189.24	125.98	6.47	321.49	388.87 PHASE
240	.11	8.11	688	4.42	2.95	.99	.94	.13	.48	.53	.14 AMP
				241.88	121.47	46.73	186.44	287.19	357.59	13.92	348.81 PHASE
241	.73	9.15	688	5.76	3.87	1.86	1.63	.31	.82	.49	.37 AMP
				237.64	126.81	68.83	283.87	386.87	27.55	43.88	352.82 PHASE
242	1.44	12.82	688	7.76	2.71	2.99	2.87	.58	1.89	.33	.43 AMP
				229.53	128.15	59.14	197.15	316.26	25.99	39.38	342.93 PHASE
243	2.79	18.75	688	11.61	1.78	3.52	3.88	3.13	2.57	1.17	1.85 AMP
				227.24	132.53	67.47	255.88	16.54	63.78	93.92	188.12 PHASE
244	3.88	23.58	688	13.85	1.92	4.61	2.67	5.19	4.83	2.24	1.71 AMP
				222.87	125.85	64.61	266.67	31.42	76.82	114.23	122.18 PHASE
245	.59	9.12	688	5.35	3.23	1.58	1.25	.18	.62	.53	.28 AMP
				238.78	119.82	47.59	182.17	238.61	.31	6.71	322.56 PHASE
246	.55	7.84	687	3.77	2.88	.87	.86	.12	.31	.36	.21 AMP
				259.85	127.18	68.27	283.82	153.73	17.78	359.14	334.34 PHASE
247	.95	8.16	688	4.42	2.93	1.34	.97	.25	.49	.36	.25 AMP
				249.73	129.59	72.29	199.84	122.83	14.21	24.63	353.56 PHASE
248	1.21	8.98	688	5.39	3.36	1.84	1.22	.28	.82	.35	.25 AMP
				244.63	127.78	67.88	284.81	72.88	17.31	14.85	347.61 PHASE
249	1.63	11.16	688	6.87	3.61	2.66	1.53	.14	1.85	.27	.33 AMP
				237.92	123.19	61.66	197.32	348.45	7.87	343.23	352.97 PHASE
250	2.43	16.38	688	18.31	3.82	3.88	2.81	1.86	1.95	.62	.97 AMP
				226.84	122.57	51.68	285.85	313.28	358.86	5.55	14.75 PHASE
251	3.83	28.18	682	12.37	2.82	4.62	2.97	3.57	2.78	1.25	1.44 AMP
				221.66	117.72	39.84	218.74	322.26	353.88	35.66	34.88 PHASE

TABLE VI.- Continued

(d)  $\mu = 0.30$ ;  $M_T = 0.68$ 

PT.	A1	B1	THETA	CL/SIGMA	CU/SIGMA	CQ/SIGMA
255	.9	2.7	-0.0	.02998	.00135	.00122
256	.5	4.0	2.0	.04598	.00100	.00148
257	-.1	4.9	4.0	.06279	.00077	.00189
258	-.5	6.1	6.0	.07839	.00034	.00261
259	-1.2	7.4	7.9	.09078	-.00069	.00368
260	-1.7	8.8	9.9	.10108	-.00209	.00522
261	-1.6	10.5	12.0	.10534	-.00334	.00722
262	.9	3.0	2.0	.02428	-.00089	.00180
263	.7	4.1	4.0	.04176	-.00260	.00244
264	.2	5.2	6.0	.05600	-.00418	.00323
265	-.4	6.5	8.0	.07111	-.00610	.00429
266	-1.0	7.7	10.1	.08446	-.00816	.00565
267	-1.7	8.9	12.0	.09481	-.01035	.00728
268	-1.9	9.6	13.0	.09806	-.01113	.00837
269	1.0	3.4	4.0	.02037	-.00252	.00224
270	.5	4.5	6.0	.03603	-.00547	.00326
271	.0	5.4	8.0	.05257	-.00844	.00449
272	-.5	6.7	10.0	.06612	-.01121	.00586
273	-1.2	7.9	12.1	.08066	-.01430	.00743
274	-2.1	9.0	14.0	.09166	-.01728	.00941

TABLE VI.- Continued

(d) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
255	45.88	27.85	636	18.33	12.85	7.36	3.69	4.23	2.58	2.83	.42 AMP
256	47.45	27.81	636	144.56	334.47	86.89	27.53	78.16	335.68	239.64	42.94 PHASE
257	49.88	23.84	636	18.44	12.36	6.42	3.24	4.41	2.22	2.64	.25 AMP
258	52.18	21.48	636	141.66	334.14	82.89	28.78	53.26	322.78	235.38	17.91 PHASE
259	53.97	21.82	636	9.98	11.48	5.48	2.62	3.99	1.98	2.21	.29 AMP
260	55.16	29.88	636	138.58	332.38	78.85	39.87	39.83	382.85	227.48	194.28 PHASE
261	56.11	37.97	637	9.66	11.85	4.76	2.74	3.37	1.81	1.78	.39 AMP
262	45.69	25.89	641	131.86	331.54	79.27	51.34	38.88	284.14	225.89	175.41 PHASE
263	48.35	25.14	648	9.45	18.76	4.85	2.46	2.61	2.39	2.39	.84 AMP
264	58.65	24.34	648	123.98	334.37	83.31	54.71	7.66	272.17	236.31	181.74 PHASE
265	53.81	23.29	648	9.59	18.95	3.42	3.26	3.98	4.62	3.98	1.97 AMP
266	55.17	21.88	648	118.49	341.32	77.19	24.94	384.47	284.81	267.26	284.81 PHASE
267	56.88	26.69	648	11.51	12.34	1.97	5.14	7.31	6.57	1.42	2.25 AMP
268	57.55	31.22	648	94.98	336.28	78.51	31.84	321.71	324.58	327.14	212.83 PHASE
269	46.49	21.64	648	8.93	12.44	7.82	4.27	2.74	1.31	1.67	.68 AMP
270	49.86	21.47	648	148.68	334.17	86.38	12.83	65.87	328.43	283.84	28.48 PHASE
271	51.67	28.86	648	8.88	12.53	6.84	3.99	3.28	1.23	1.81	.68 AMP
272	54.17	28.27	648	143.23	339.98	98.18	17.68	78.51	328.49	216.27	46.34 PHASE
273	56.62	28.21	648	8.78	12.43	6.36	3.91	3.84	.99	1.82	.55 AMP
274	58.58	23.44	639	148.27	338.92	88.72	23.48	83.98	337.75	218.16	57.64 PHASE
				8.48	12.16	5.81	3.28	3.51	.67	1.51	.47 AMP
				131.77	335.81	88.96	21.34	88.19	381.98	287.25	61.68 PHASE
				8.22	11.58	5.25	2.53	2.73	1.18	1.15	.34 AMP
				128.49	337.56	91.27	24.36	93.39	268.67	282.54	69.28 PHASE
				8.44	11.24	3.73	3.59	.94	2.98	2.26	.91 AMP
				182.35	334.31	72.93	344.76	165.19	245.86	197.87	116.95 PHASE
				9.44	11.21	4.98	1.52	4.66	1.62	1.84	.84 AMP
				93.61	336.31	78.15	2.67	288.43	285.54	254.44	171.86 PHASE
				7.63	18.56	6.21	3.92	2.72	1.38	1.88	.45 AMP
				141.78	337.81	82.33	6.26	53.64	332.69	287.94	6.76 PHASE
				7.67	18.59	6.13	4.82	2.95	1.87	.95	.41 AMP
				148.84	339.24	88.71	2.76	51.64	331.93	288.38	353.96 PHASE
				7.42	18.57	5.59	3.82	3.28	.89	.96	.84 AMP
				136.13	336.96	74.98	2.33	49.21	324.48	190.11	144.89 PHASE
				7.46	18.76	4.99	3.64	3.87	.72	1.14	.26 AMP
				128.88	336.34	78.68	2.29	53.71	332.16	175.37	165.63 PHASE
				7.38	18.74	3.91	3.12	2.48	1.12	.38	.38 AMP
				112.64	331.59	68.39	347.78	35.26	316.37	158.24	156.75 PHASE
				7.83	18.71	2.19	3.66	.48	1.88	1.64	.61 AMP
				92.22	337.68	63.86	318.88	218.28	218.93	185.94	182.81 PHASE

CHORDWISE 25 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
255	53.31	58.94	636	15.75	18.72	7.28	7.78	9.44	11.13	2.25	.88 AMP
256	52.82	63.23	636	277.68	157.78	274.22	135.24	286.35	281.97	131.47	53.84 PHASE
257	58.43	69.12	636	228.82	17.28	12.81	6.25	12.88	8.59	1.74	.86 AMP
258	48.84	83.18	636	296.66	165.88	284.72	128.88	263.65	288.55	118.42	45.56 PHASE
259	47.71	99.43	636	39.15	28.79	15.18	3.36	14.34	6.48	1.22	.93 AMP
260	49.86	126.29	636	317.36	171.97	271.75	94.1	274.74	227.42	187.42	55.38 PHASE
261	54.68	167.92	637	56.74	22.48	18.72	8.41	12.63	4.43	.45	1.87 AMP
262	51.29	48.89	641	338.84	176.44	269.68	75.84	289.17	225.87	97.85	36.88 PHASE
263	52.18	54.54	648	72.44	24.58	24.72	11.72	7.29	3.26	2.18	1.24 AMP
264	52.17	67.43	648	348.79	185.36	278.66	66.42	389.83	19.85	314.31	39.12 PHASE
265	52.88	93.33	648	87.88	28.78	33.86	14.54	3.65	12.82	1.49	1.16 AMP
266	51.94	114.57	648	353.61	196.74	277.13	62.72	189.73	94.79	328.88	358.52 PHASE
267	54.36	132.92	648	188.27	42.22	41.91	13.79	22.55	38.71	4.24	5.86 AMP
268	58.25	173.75	648	5.58	288.62	276.78	91.28	177.67	169.68	225.57	17.38 PHASE
269	58.72	38.73	648	8.99	13.34	7.82	2.76	7.95	9.59	1.17	.36 AMP
270	52.76	58.84	648	274.43	162.36	276.36	145.84	276.64	154.76	34.66	112.45 PHASE
271	54.53	78.98	648	18.81	19.38	11.98	2.63	7.88	12.34	1.48	.53 AMP
272	56.36	182.19	648	318.15	172.89	382.87	158.19	255.56	145.87	13.84	188.84 PHASE
273	58.16	131.78	648	32.72	24.67	15.88	4.22	9.69	14.25	1.98	.54 AMP
274	68.35	159.85	639	338.44	184.81	295.25	181.74	258.28	168.57	49.95	218.35 PHASE
				58.46	29.48	21.74	6.86	12.12	13.79	1.15	1.31 AMP
				338.98	188.83	278.59	85.38	253.66	175.88	84.62	248.98 PHASE
				71.67	33.84	38.35	9.18	18.27	8.58	1.93	.88 AMP
				347.78	199.49	279.35	74.94	256.47	197.63	175.66	264.35 PHASE
				98.95	37.88	38.87	18.21	7.38	3.59	1.11	2.87 AMP
				349.92	282.87	266.78	45.55	194.71	75.32	265.99	265.87 PHASE
				182.82	41.73	43.38	11.68	14.53	23.49	2.89	1.94 AMP
				.68	287.33	274.31	64.36	171.53	188.88	133.95	311.68 PHASE
				6.82	15.13	8.76	2.83	6.83	9.88	.68	.66 AMP
				288.98	173.44	286.35	281.14	268.68	158.43	348.95	115.77 PHASE
				15.47	28.39	11.76	1.13	8.17	14.66	1.48	.78 AMP
				321.47	177.46	275.36	215.44	238.82	139.86	357.86	135.59 PHASE
				32.49	26.14	15.49	2.58	8.32	17.88	1.98	.79 AMP
				341.58	187.42	278.16	64.63	218.41	155.92	41.83	198.81 PHASE
				53.41	31.32	21.94	5.19	18.26	17.83	1.69	1.15 AMP
				348.23	194.27	267.93	58.65	287.43	177.12	65.27	213.42 PHASE
				78.28	36.36	29.26	7.19	12.44	13.36	1.83	.67 AMP
				349.32	197.81	257.68	42.97	185.28	179.66	81.47	284.58 PHASE
				186.74	41.88	38.83	6.42	13.81	3.88	.55	1.55 AMP
				355.24	289.99	259.13	22.77	159.33	345.84	381.98	235.78 PHASE

TABLE VI.- Continued

(d) Continued

TORSION 28 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
255	5.59	7.86	636	2.88	3.38	1.99	1.18	.18	.46	.33	.17
				71.73	291.58	148.83	2.29	112.68	333.86	286.13	161.42
256	4.73	7.59	636	2.79	3.21	1.59	1.88	.38	.35	.27	.27
				66.63	293.98	147.65	16.99	217.86	381.88	211.68	178.85
257	3.67	7.31	636	3.89	2.65	1.22	1.87	.29	.31	.41	.34
				57.87	293.55	175.88	21.99	165.78	264.93	192.16	192.25
258	2.28	8.34	636	5.73	1.97	1.76	1.58	.45	.16	.51	.25
				58.88	285.24	213.56	14.88	158.39	216.94	195.39	282.39
259	.61	12.39	636	8.34	.97	2.99	2.18	.61	.31	.48	.27
				45.22	255.74	234.99	19.82	168.16	289.85	222.69	214.61
260	-2.28	19.75	636	12.98	1.18	3.86	3.85	3.12	1.88	1.44	.94
				41.86	163.86	251.39	81.49	281.67	257.55	291.52	345.63
261	-6.14	29.95	637	18.54	2.41	6.88	7.83	4.78	2.71	2.68	.88
				38.59	222.98	268.89	169.55	257.66	319.37	346.64	29.59
262	4.33	6.15	641	2.84	3.81	1.44	.72	.46	.13	.19	.15
				91.88	388.18	141.73	346.55	213.56	352.72	128.88	12.63
263	3.69	7.15	648	2.74	3.53	1.68	.52	.58	.18	.24	.16
				83.72	313.38	168.18	13.17	241.93	284.68	184.37	15.73
264	2.89	8.18	648	3.78	3.65	1.72	.99	.29	.13	.38	.14
				73.93	312.18	193.56	9.26	137.95	261.13	117.54	28.31
265	1.82	9.96	648	5.16	3.53	2.33	1.66	.94	.21	.22	.87
				62.39	386.82	217.11	8.71	132.96	281.79	122.94	16.88
266	-.84	13.88	648	8.18	2.87	4.28	2.78	1.49	.37	.12	.85
				51.73	299.18	239.71	14.27	138.83	228.73	117.24	164.58
267	-1.92	19.78	648	11.54	.83	4.19	3.57	3.48	1.38	.82	.73
				42.83	292.68	248.18	58.58	153.48	287.28	233.41	277.49
268	-3.98	26.15	648	14.86	.65	5.13	3.12	5.56	3.17	2.82	1.88
				48.71	232.89	246.11	93.47	197.82	268.13	297.38	328.32
269	3.81	5.98	648	2.81	3.16	1.32	.61	.44	.13	.16	.89
				98.13	314.73	171.85	18.58	232.56	389.86	148.66	68.84
270	3.28	7.12	648	2.64	3.57	1.67	.68	.51	.87	.14	.11
				79.93	313.93	183.94	38.87	254.89	388.85	129.91	38.81
271	2.56	8.85	648	3.43	3.72	2.86	.75	.13	.13	.17	.16
				78.96	312.16	196.46	14.98	217.32	119.54	135.47	48.63
272	1.88	9.58	648	4.44	4.88	2.68	1.34	.43	.48	.28	.28
				64.62	318.71	211.88	.66	118.96	136.29	165.93	53.88
273	.86	11.51	648	6.31	3.64	3.76	2.28	1.22	.82	.15	.22
				53.35	382.38	222.38	354.12	184.59	141.89	158.11	68.85
274	-.96	17.43	639	18.89	2.21	4.45	3.78	3.31	1.73	.71	.47
				44.82	313.35	239.16	33.79	129.81	169.79	223.69	238.42

TABLE VI.- Continued

(d) Continued

FLAPWISE 37 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
255	28.88	38.64	636	15.46	15.94	8.43	2.34	2.65	.72	.37	.28
256	31.25	29.71	636	141.33	338.83	78.52	26.98	67.63	344.78	265.88	222.83
257	33.71	27.87	636	16.89	15.39	7.56	2.81	2.88	.56	.49	.27
258	36.81	27.59	636	139.53	337.45	73.44	38.26	49.28	328.42	241.88	217.97
259	38.84	28.21	636	16.38	13.96	6.94	1.56	2.61	.47	.43	.17
260	39.72	38.18	636	137.54	335.38	67.72	54.22	37.33	291.87	234.55	248.83
261	40.97	35.43	637	16.63	13.41	6.63	1.77	2.33	.52	.52	.13
262	38.66	29.53	641	134.46	333.59	67.49	74.88	24.94	259.88	232.15	233.75
263	33.24	38.51	648	16.75	13.49	6.48	1.56	2.16	.74	.54	.13
264	35.51	29.35	648	132.21	335.88	69.51	98.89	1.28	248.49	248.39	18.29
265	38.81	29.47	648	16.84	14.83	6.77	1.51	2.93	1.14	.19	.46
266	40.28	28.77	648	129.75	339.66	66.11	37.58	321.87	262.62	253.26	64.53
267	42.34	28.64	648	17.39	18.41	6.59	3.15	4.96	.86	.39	.57
268	43.11	38.31	648	122.59	335.71	68.73	44.95	332.28	384.46	184.78	93.93
269	32.68	25.82	648	13.69	16.29	8.45	3.82	1.82	.49	.34	.38
270	35.11	25.71	648	138.32	338.11	78.66	18.84	54.18	318.62	267.17	179.96
271	37.65	25.63	648	14.26	16.39	8.44	2.65	2.14	.39	.36	.36
272	40.18	25.93	648	148.87	343.43	82.98	17.21	65.38	325.52	265.27	288.79
273	42.77	25.74	648	14.83	15.83	8.21	2.39	2.14	.17	.22	.26
274	45.88	25.11	639	139.24	342.79	82.11	23.81	78.45	333.75	288.24	283.68
				15.17	15.24	8.83	1.83	1.85	.25	.24	.24
				135.81	337.83	73.78	24.83	68.35	226.87	244.38	188.57
				15.29	14.66	7.96	1.14	1.27	.58	.38	.18
				138.43	348.45	82.14	48.31	65.36	229.97	262.38	196.83
				15.35	14.85	7.27	1.88	.85	1.88	.45	.89
				123.24	334.65	64.86	344.92	289.17	234.42	285.92	337.83
				15.32	15.77	7.78	3.15	1.93	.94	.18	.33
				122.87	336.18	69.89	18.58	318.89	266.98	332.62	188.88
				11.81	14.88	7.87	2.75	1.95	.38	.36	.32
				138.18	342.28	76.15	.98	41.81	298.81	278.12	192.28
				12.22	14.84	7.96	2.81	2.24	.12	.26	.25
				138.66	342.68	75.13	356.64	39.33	297.99	261.78	188.46
				12.74	13.99	7.84	2.51	2.22	.18	.19	.15
				138.89	348.94	78.88	352.39	36.49	226.68	274.78	171.42
				13.32	14.35	7.98	2.22	1.97	.38	.22	.18
				136.47	339.87	66.69	352.72	36.42	221.33	292.75	112.25
				13.81	14.37	7.27	1.66	1.63	.52	.31	.12
				138.63	334.47	63.37	348.61	11.87	286.48	276.55	88.71
				13.92	14.19	6.84	2.38	.94	.89	.58	.15
				125.68	338.87	62.85	386.83	283.46	228.37	293.59	21.94

CHORDWISE 37 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
255	34.28	52.85	636	15.12	9.41	4.37	8.18	11.72	15.91	3.84	.78
256	32.14	68.85	636	208.68	152.29	388.19	139.58	286.48	281.98	131.65	41.43
257	29.81	67.41	636	22.33	15.82	9.72	7.62	15.53	18.95	4.88	.72
258	27.36	79.88	636	298.84	163.89	387.25	126.91	264.93	214.68	119.48	58.15
259	25.19	86.28	636	31.92	18.23	12.36	8.63	17.98	7.96	3.88	1.16
260	25.84	183.89	636	316.65	169.28	294.46	188.31	276.59	232.63	128.51	31.73
261	28.89	147.84	637	44.91	28.46	16.87	18.96	16.29	5.87	2.37	2.28
262	31.97	45.15	641	329.41	173.51	292.54	84.54	292.55	223.62	158.92	34.31
263	31.83	54.65	648	57.13	23.71	21.98	14.48	18.55	6.54	3.58	2.68
264	38.98	65.53	648	339.56	181.86	291.48	73.84	316.97	29.18	269.88	41.85
265	29.94	79.88	648	68.39	29.85	31.86	18.83	3.67	28.58	3.27	2.79
266	28.12	97.38	648	352.52	194.25	299.57	68.61	61.38	91.35	296.33	36.45
267	28.88	112.92	648	76.65	43.99	38.13	19.13	23.63	57.98	8.51	7.15
268	31.98	146.12	648	5.68	288.88	381.96	99.22	185.94	169.59	287.83	26.21
269	38.89	48.29	648	9.38	18.95	4.48	2.59	9.82	14.88	.27	1.27
270	32.16	49.68	648	279.86	158.89	313.89	155.26	278.94	152.98	313.41	68.49
271	32.78	61.78	648	16.25	15.47	9.58	2.97	8.48	18.48	.61	.78
272	33.47	87.89	648	387.67	171.61	338.28	158.42	261.24	138.13	21.61	85.16
273	33.88	109.63	648	26.18	28.35	13.25	5.43	18.98	21.53	2.54	.84
274	34.53	122.28	639	327.26	183.76	322.48	186.27	261.27	153.58	63.35	121.85
				39.28	24.61	17.84	8.64	14.15	21.83	1.81	.37
				336.86	187.18	383.59	93.18	253.49	171.96	188.14	168.38
				55.63	29.69	25.55	11.75	12.65	14.16	3.25	.91
				345.88	196.38	388.82	85.28	253.15	197.25	211.48	279.19
				59.36	24.18	33.29	13.27	9.39	4.69	3.79	1.44
				348.56	198.48	286.94	53.85	194.85	85.43	257.87	281.91
				76.68	39.96	38.42	16.47	18.38	34.71	3.45	1.34
				359.59	283.98	295.44	71.52	171.27	111.11	115.94	289.78
				5.58	11.99	5.89	2.18	8.83	15.81	2.13	1.68
				286.88	174.83	324.52	289.94	262.68	167.42	259.84	66.68
				12.12	16.19	9.21	1.18	8.55	22.87	1.38	1.84
				318.44	178.55	326.93	219.69	231.69	135.58	312.88	92.82
				24.83	28.62	11.31	2.82	8.37	26.71	2.97	.98
				337.38	188.38	387.27	68.84	217.37	152.59	47.44	128.78
				39.86	24.65	15.89	5.99	18.83	27.98	2.62	.91
				344.48	195.84	292.31	62.82	282.92	175.58	71.85	136.21
				57.24	29.89	22.88	8.62	14.19	23.22	1.27	1.89
				346.24	197.33	277.92	58.51	179.77	178.87	118.94	167.66
				77.31	35.38	31.37	9.38	16.21	3.32	2.84	1.64
				353.12	287.95	277.56	38.86	154.71	299.72	277.78	233.97

TABLE VI.- Continued

(d) Continued

TORSION 36 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
255	4.36	6.39	636	2.89 45.49	2.58 268.48	1.67 128.17	.77 334.58	.88 213.26	.28 283.71	.11 114.11	.88 83.58
256	3.58	6.29	636	2.87 44.28	2.39 272.38	1.42 135.16	.72 346.28	.48 282.73	.12 227.55	.13 171.43	.13 123.21
257	2.52	6.15	636	3.85 48.57	1.97 273.42	1.32 156.88	.78 343.96	.23 161.26	.21 166.79	.13 131.68	.17 137.98
258	1.32	7.29	636	5.39 36.45	1.58 267.16	1.81 183.31	1.22 332.18	.35 138.94	.25 124.28	.21 148.74	.15 158.46
259	-.13	11.86	636	7.59 34.82	.72 233.87	2.74 283.57	1.75 339.37	.54 122.78	.33 148.86	.22 189.61	.16 164.85
260	-2.62	17.16	636	11.48 38.88	1.85 139.89	2.74 215.28	2.29 51.24	2.68 159.89	1.48 211.78	1.84 253.24	.66 286.95
261	-5.88	25.84	637	16.46 28.84	1.75 196.89	5.23 237.92	.52 284.46	5.65 218.88	4.85 277.38	2.16 384.45	1.66 329.63
262	3.63	4.91	641	1.95 59.13	2.18 288.36	1.25 131.28	.46 315.57	.48 192.68	.82 41.44	.13 36.81	.18 326.28
263	2.97	5.92	648	2.74 56.67	2.64 294.36	1.48 147.75	.28 358.18	.55 216.58	.12 195.18	.23 14.41	.88 386.33
264	2.16	6.87	648	3.74 52.14	2.78 293.85	1.76 174.53	.78 332.89	.86 181.48	.15 147.71	.26 33.44	.88 292.65
265	1.14	8.41	648	5.18 45.97	2.66 287.45	2.31 191.58	1.38 335.73	.56 92.82	.23 124.69	.12 26.72	.84 273.36
266	-.53	12.53	648	7.78 39.78	1.47 274.93	3.82 213.62	2.22 343.59	1.89 98.18	.27 165.88	.18 354.13	.85 125.93
267	-2.38	17.64	648	18.74 32.37	.41 253.35	3.62 218.42	2.95 24.91	2.88 115.11	1.87 157.94	.64 198.76	.48 222.61
268	-4.12	22.93	648	13.61 38.58	.54 178.86	4.39 216.36	2.51 78.35	4.58 168.36	2.47 215.86	1.67 253.53	1.28 274.41
269	3.13	5.21	648	2.85 56.37	2.39 297.76	1.33 168.26	.38 283.87	.47 229.86	.86 44.38	.86 18.81	.86 325.56
270	2.48	6.31	648	2.74 53.81	2.75 297.89	1.69 167.64	.37 24.43	.57 219.76	.83 134.78	.18 14.76	.89 325.56
271	1.88	7.18	648	3.53 48.99	2.91 295.48	2.89 174.78	.47 347.48	.21 224.58	.16 76.29	.87 39.49	.18 348.38
272	1.89	8.46	648	4.58 45.76	3.15 294.37	2.55 184.94	.99 329.63	.28 66.69	.42 84.48	.88 133.18	.14 352.96
273	.12	18.88	648	6.17 39.61	2.88 284.57	3.38 194.88	1.84 324.88	.92 62.73	.67 88.62	.89 166.42	.17 351.52
274	-1.66	15.82	639	9.53 33.72	1.57 291.79	3.69 211.97	3.27 8.59	2.78 98.97	1.32 122.63	.59 182.79	.28 194.97

TABLE VI.- Continued

(d) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
255	15.55	38.77	636	19.31	28.37	9.55	1.83	.79	1.24	2.55	.34 AMP
256	18.88	37.85	636	137.38	335.24	62.87	348.62	271.87	138.68	47.38	244.87 PHASE
257	28.83	35.11	636	28.15	19.43	8.99	1.83	.48	1.18	2.47	.18 AMP
258	23.46	34.69	636	135.12	333.98	56.24	337.99	288.99	112.79	42.59	51.56 PHASE
259	26.88	34.95	636	28.32	17.43	8.66	.91	.27	1.27	2.84	.58 AMP
260	23.46	34.69	636	133.76	338.29	49.62	338.97	23.28	94.82	39.27	19.77 PHASE
261	29.57	44.58	637	21.11	16.66	8.58	.55	.29	1.13	1.59	.61 AMP
262	17.91	36.87	641	131.88	326.86	48.33	319.85	44.88	85.86	39.78	5.37 PHASE
263	28.49	37.37	648	21.95	16.46	8.63	.21	.49	1.42	2.35	1.31 AMP
264	22.99	37.28	648	138.86	326.56	51.84	253.47	51.47	76.42	52.77	3.41 PHASE
265	25.79	36.93	648	22.82	18.82	9.76	.88	1.55	2.88	3.94	2.29 AMP
266	28.58	37.61	648	138.47	333.73	52.84	298.54	48.88	98.48	85.14	21.87 PHASE
267	31.18	37.31	648	22.98	24.32	18.26	.23	2.34	3.92	1.53	2.36 AMP
268	32.11	39.79	648	127.52	333.18	61.42	291.58	78.55	148.54	138.62	25.75 PHASE
269	21.13	31.22	648	18.14	28.56	9.24	1.33	1.81	.55	1.59	.48 AMP
270	23.68	31.25	648	133.21	334.85	63.83	335.88	281.54	147.74	5.56	228.33 PHASE
271	26.26	31.43	648	18.87	28.38	9.43	1.32	.93	.51	1.83	.46 AMP
272	28.94	32.31	648	135.79	339.25	66.44	338.43	388.86	149.88	23.68	242.83 PHASE
273	31.89	33.11	648	19.61	19.66	9.98	1.15	1.87	.38	1.75	.44 AMP
274	34.81	33.35	639	134.89	337.88	64.87	326.35	385.26	148.25	27.58	257.85 PHASE
				28.21	16.78	18.48	1.18	1.17	.20	1.53	.31 AMP
				131.43	331.51	55.84	297.81	387.64	117.74	13.68	288.77 PHASE
				28.98	17.95	18.54	.87	1.38	.48	1.14	.22 AMP
				129.38	332.43	62.35	253.92	316.19	84.93	8.61	276.95 PHASE
				21.24	18.39	18.33	1.65	.66	2.18	1.13	.18 AMP
				124.98	327.55	47.76	264.58	331.61	66.28	5.78	388.93 PHASE
				21.15	28.16	11.19	1.32	2.55	2.86	1.48	.99 AMP
				126.58	331.84	58.27	291.84	9.34	111.55	72.29	355.54 PHASE
				15.74	17.49	8.94	1.16	.73	.72	.85	.23 AMP
				133.64	338.85	62.57	321.12	286.85	163.56	6.88	185.47 PHASE
				16.18	17.38	9.43	1.19	.66	.59	.75	.31 AMP
				133.92	338.52	61.89	328.19	291.82	159.25	15.23	198.42 PHASE
				16.76	17.85	9.97	1.86	.44	.77	.17	.17 AMP
				133.51	335.96	55.83	388.39	282.98	142.11	351.48	317.28 PHASE
				17.63	17.28	18.64	.89	1.86	.38	1.85	.33 AMP
				132.81	334.81	51.59	278.62	285.34	169.12	334.28	349.59 PHASE
				18.44	17.81	18.63	.75	1.27	.19	1.89	.43 AMP
				128.65	327.29	44.86	217.55	279.57	196.14	312.47	349.52 PHASE
				18.76	17.84	18.17	1.46	1.94	.74	1.55	.86 AMP
				127.93	329.93	44.16	238.76	384.83	27.88	354.35	358.77 PHASE

CHORDWISE 51 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
285	47.83	54.73	636	14.81	7.23	3.66	8.88	13.42	18.82	4.88	.58 AMP
286	45.89	54.63	636	284.17	154.19	.36	147.87	287.85	284.44	132.58	54.13 PHASE
287	43.38	62.89	636	19.96	11.88	8.83	7.65	17.24	12.57	5.88	.76 AMP
288	41.54	78.65	636	298.27	165.66	331.67	132.13	266.71	219.45	121.67	115.45 PHASE
289	39.85	86.22	636	27.83	14.73	9.93	8.83	19.69	8.93	4.45	.75 AMP
290	37.33	187.96	636	314.39	171.85	314.18	183.59	276.81	239.77	124.46	48.69 PHASE
291	39.15	158.93	637	38.43	16.71	13.51	11.28	17.55	5.13	4.86	2.35 AMP
292	45.13	46.94	641	326.47	173.67	388.28	86.76	293.28	229.37	158.72	48.72 PHASE
293	44.98	55.87	648	49.55	28.93	28.34	15.73	18.95	9.84	3.95	3.82 AMP
294	44.84	65.74	648	337.73	179.23	383.83	73.78	328.62	33.36	253.56	48.16 PHASE
295	42.81	74.71	648	59.13	29.46	32.27	22.36	4.44	26.24	3.34	4.22 AMP
296	39.92	89.11	648	352.52	192.72	311.39	78.66	65.25	92.99	274.67	34.26 PHASE
297	39.28	189.91	648	64.58	45.23	48.55	22.92	26.56	78.83	13.69	9.38 AMP
298	41.89	158.78	648	8.67	199.75	316.46	185.11	189.78	172.26	211.79	34.91 PHASE
299	43.84	41.82	648	9.38	8.59	4.59	2.41	11.46	16.69	.48	1.89 AMP
300	44.57	56.11	648	286.91	162.67	8.34	169.29	282.15	155.68	248.83	66.73 PHASE
301	44.99	65.23	648	15.27	12.87	9.33	2.91	9.56	21.99	.48	1.85 AMP
302	45.87	79.46	648	387.48	176.22	45.45	173.31	264.58	138.53	98.18	89.81 PHASE
303	44.62	95.24	648	23.89	16.88	12.49	4.89	12.46	25.83	3.45	1.76 AMP
304	43.91	113.28	639	324.39	188.72	347.88	111.87	261.46	154.49	74.92	184.58 PHASE
				33.62	19.78	16.16	8.52	16.14	25.13	2.82	1.28 AMP
				332.57	191.29	324.52	95.43	252.23	174.46	116.88	186.88 PHASE
				48.22	25.67	24.16	13.86	14.99	16.91	4.87	.48 AMP
				344.36	196.78	315.38	88.62	249.53	281.61	213.51	341.53 PHASE
				59.64	32.85	33.68	16.82	11.49	5.92	4.68	1.35 AMP
				348.68	197.93	381.53	58.61	194.84	88.31	253.87	388.87 PHASE
				64.58	39.86	39.64	28.48	21.75	42.83	5.57	1.48 AMP
				.89	283.11	318.53	77.87	172.69	115.37	126.78	292.91 PHASE
				5.63	9.88	6.42	2.29	9.16	18.19	3.28	2.36 AMP
				295.81	179.98	4.32	226.27	264.82	168.22	256.75	63.72 PHASE
				11.32	13.23	9.74	1.61	9.56	26.86	1.29	1.43 AMP
				319.23	184.78	355.34	241.86	232.93	137.12	387.56	79.39 PHASE
				28.74	16.78	18.86	2.37	9.52	32.83	4.88	1.58 AMP
				334.81	193.16	335.32	68.92	216.96	154.61	57.43	182.15 PHASE
				32.56	19.83	14.28	6.18	12.47	34.78	3.48	1.87 AMP
				341.39	199.29	317.89	64.82	282.82	178.34	79.63	183.64 PHASE
				47.35	23.68	19.89	9.47	16.54	29.34	1.61	1.18 AMP
				343.38	288.58	297.13	53.13	179.53	182.48	124.83	123.28 PHASE
				63.62	31.81	31.38	12.34	18.81	3.97	3.63	1.48 AMP
				362.38	288.43	293.58	37.18	156.16	289.25	279.84	249.57 PHASE



TABLE VI.- Continued

(d) Continued

TORSION 50 PERCENT RADIUS											
RUN NO		36									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
255	.64	4.65	636	2.82	1.94	1.16	.52	.19	.86	.19	.83
256	.19	4.73	636	65.94	286.18	141.76	18.71	289.65	219.89	59.93	167.48
257	-.33	4.83	636	2.52	2.82	.99	.49	.37	.14	.14	.87
258	-.95	5.62	636	63.76	298.16	142.67	33.61	254.81	182.82	9.76	138.46
259	-1.77	6.51	636	3.88	1.97	.93	.43	.88	.27	.18	.13
260	-3.69	11.11	636	68.23	294.18	155.81	29.14	248.23	178.15	29.26	162.89
261	-6.95	18.89	637	3.73	1.87	1.22	.66	.15	.35	.81	.14
262	-.47	3.99	641	54.74	297.66	178.81	358.16	186.26	148.25	328.83	179.87
263	-.87	4.92	648	4.89	1.48	1.81	.99	.35	.42	.88	.19
264	-1.29	5.72	648	49.54	385.17	199.88	345.99	116.35	158.36	385.95	181.54
265	-1.81	6.91	648	7.61	.88	2.27	1.86	2.81	1.36	.84	.37
266	-2.71	8.81	648	39.93	15.97	281.18	74.28	188.61	243.28	318.88	331.82
267	-4.18	11.79	648	11.66	.52	3.72	.88	4.29	3.87	1.98	1.89
268	-5.72	15.87	648	33.94	317.83	238.78	272.74	247.21	318.18	6.79	356.98
269	-6.9	18.88	648	2.83	1.81	.88	.24	.42	.89	.28	.85
270	-8.1	21.88	648	74.75	385.17	145.65	3.66	238.27	92.69	25.37	53.87
271	-9.3	24.88	648	2.59	2.28	1.85	.22	.49	.89	.33	.82
272	-10.5	27.88	648	78.56	389.84	168.79	52.39	261.77	197.81	29.49	112.98
273	-11.7	30.88	648	3.17	2.46	1.28	.35	.26	.22	.29	.84
274	-12.9	33.88	648	66.34	318.41	188.28	18.22	336.86	145.85	39.77	258.31
275	-14.1	36.88	648	3.96	2.63	1.61	.74	.37	.48	.22	.84
276	-15.3	39.88	648	59.83	387.26	191.29	357.75	68.32	134.53	358.14	347.75
277	-16.5	42.88	648	5.38	2.12	2.35	1.28	.78	.51	.32	.15
278	-17.7	45.88	648	53.67	389.81	213.95	357.68	86.28	152.88	348.15	69.22
279	-18.9	48.88	648	7.54	1.31	2.28	1.72	1.87	1.82	.69	.18
280	-20.1	51.88	648	42.46	323.18	285.83	51.71	134.12	182.14	278.88	297.23
281	-21.3	54.88	648	9.88	.84	3.83	1.48	3.13	2.21	1.71	.68
282	-22.5	57.88	648	37.92	339.98	215.88	182.96	198.11	252.42	312.22	325.83
283	-23.7	60.88	648	2.12	1.99	.93	.32	.41	.83	.16	.85
284	-24.9	63.88	648	78.12	313.83	173.32	49.98	244.37	138.84	15.97	76.97
285	-26.1	66.88	648	2.64	2.29	1.19	.39	.58	.85	.18	.82
286	-27.3	69.88	648	65.16	311.13	188.36	67.61	261.89	113.14	8.78	56.88
287	-28.5	72.88	648	3.26	2.47	1.47	.36	.27	.28	.13	.85
288	-29.7	75.88	648	68.62	388.22	186.27	39.91	289.22	92.55	3.15	315.59
289	-30.9	78.88	648	3.96	2.69	1.75	.68	.19	.43	.86	.12
290	-32.1	81.88	648	57.22	386.86	194.88	5.25	19.86	188.64	341.71	333.46
291	-33.3	84.88	648	4.87	2.77	2.11	1.89	.66	.66	.13	.28
292	-34.5	87.88	648	51.73	388.85	281.75	358.24	62.91	182.95	258.48	344.75
293	-35.7	90.88	648	6.93	2.88	2.89	2.12	1.97	1.18	.61	.21
294	-36.9	93.88	648	44.24	311.83	212.97	38.71	111.55	151.15	241.43	293.27

TABLE VI.- Continued

(d) Continued

FLAPWISE 77 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
255	-2.13	37.67	636	19.75	17.43	6.49	4.84	4.46	.38	2.98	.29 AMP
				148.48	333.57	38.62	218.79	238.85	45.35	224.74	131.23 PHASE
256	.73	37.49	636	28.31	16.75	5.87	3.35	4.95	.25	2.66	.65 AMP
				139.58	331.55	29.43	215.72	219.31	72.73	228.18	283.65 PHASE
257	4.85	36.21	636	28.27	15.18	5.26	2.41	4.64	.18	2.18	1.38 AMP
				139.88	326.15	32.27	231.85	215.48	92.52	211.48	195.88 PHASE
258	6.99	35.51	636	21.88	14.57	5.82	2.26	3.77	.39	1.52	1.47 AMP
				138.58	324.82	37.82	243.45	218.41	76.18	198.87	185.57 PHASE
259	9.95	36.18	636	21.68	14.48	5.13	1.83	2.63	.66	2.19	2.42 AMP
				138.51	323.16	48.83	278.87	189.88	72.11	216.26	188.39 PHASE
260	11.95	38.28	636	22.98	15.75	5.64	.75	3.98	.73	4.87	3.78 AMP
				139.39	338.18	44.13	385.25	127.55	113.11	256.13	284.82 PHASE
261	12.15	47.51	637	22.61	22.57	7.19	.94	8.92	.26	2.25	3.64 AMP
				138.97	327.92	38.33	122.89	144.81	49.27	328.44	288.53 PHASE
262	-4.41	36.55	641	19.71	18.18	6.81	3.48	2.84	.63	1.92	.58 AMP
				136.76	335.88	33.93	184.72	222.85	33.61	183.98	69.59 PHASE
263	2.21	37.93	648	28.36	18.85	6.85	2.93	3.58	.69	2.84	.41 AMP
				148.62	338.75	42.51	197.61	238.89	66.61	195.21	94.22 PHASE
264	5.18	38.26	648	21.18	17.45	6.37	2.77	4.28	.53	1.89	.43 AMP
				148.99	337.71	45.82	212.25	247.53	63.25	195.14	117.18 PHASE
265	8.28	39.31	648	21.73	17.88	6.83	2.18	4.27	.63	1.52	.59 AMP
				139.16	338.66	43.38	227.87	245.96	54.86	172.31	141.88 PHASE
266	11.52	39.32	648	22.78	16.58	7.12	1.63	3.41	.92	1.13	.59 AMP
				138.83	329.75	53.91	265.12	254.75	56.88	155.87	178.28 PHASE
267	14.11	39.84	648	23.83	16.78	6.99	.25	1.87	1.21	2.18	1.98 AMP
				134.65	324.58	43.41	266.81	185.69	57.34	172.27	148.87 PHASE
268	14.57	42.62	648	23.75	18.59	7.81	.26	3.25	1.17	1.16	.21 AMP
				137.34	327.44	49.44	181.54	151.44	57.48	258.83	166.37 PHASE
269	2.42	32.63	648	17.67	15.98	5.59	3.81	3.59	.76	.89	.27 AMP
				137.46	338.21	36.41	176.73	212.45	45.67	188.67	355.24 PHASE
270	5.86	33.98	648	18.85	15.74	6.11	2.77	4.88	.59	.88	.21 AMP
				139.81	337.78	37.18	173.82	213.87	59.19	188.11	357.38 PHASE
271	7.91	34.13	648	18.63	15.41	6.81	2.26	4.27	.62	.91	.26 AMP
				139.38	334.54	34.88	173.99	214.97	61.59	162.54	178.25 PHASE
272	18.96	35.87	648	19.53	15.73	7.54	1.69	4.84	.66	1.22	.56 AMP
				139.31	331.35	34.29	176.68	216.63	59.67	146.43	173.87 PHASE
273	14.23	37.32	648	28.61	15.82	3.89	.98	3.31	1.88	1.28	.88 AMP
				136.24	323.83	33.28	163.11	198.24	45.81	122.83	166.91 PHASE
274	17.88	36.55	639	28.98	16.33	8.61	1.43	1.21	1.44	1.61	1.31 AMP
				136.58	326.56	37.73	78.95	131.87	65.98	163.17	175.18 PHASE

CHORDWISE 77 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
255	61.64	33.13	636	8.95	18.68	6.38	4.71	7.76	7.18	2.74	.52 AMP
				151.29	328.81	35.87	181.27	259.51	196.17	173.78	123.11 PHASE
256	62.74	29.76	636	7.42	9.13	6.59	3.74	9.78	4.67	2.92	1.18 AMP
				153.72	321.87	19.92	178.53	243.81	214.92	149.92	164.99 PHASE
257	68.87	29.98	636	4.61	7.71	6.14	2.55	9.69	3.37	2.68	1.38 AMP
				154.32	318.67	11.91	135.38	258.58	239.89	147.63	168.58 PHASE
258	67.35	24.55	636	1.76	7.17	6.41	2.74	7.48	1.57	2.97	1.29 AMP
				148.48	385.12	3.74	182.87	761.42	231.63	155.68	138.85 PHASE
259	78.18	26.16	636	2.34	6.62	6.99	4.31	2.63	4.41	2.88	1.67 AMP
				26.32	295.94	358.24	68.91	287.18	32.16	214.73	149.47 PHASE
260	72.33	47.35	636	6.28	6.71	11.19	7.85	5.32	11.48	4.19	1.72 AMP
				36.81	279.41	337.58	68.58	188.94	88.45	247.88	288.55 PHASE
261	73.36	71.78	637	13.48	18.74	14.74	8.38	16.48	28.83	5.58	1.52 AMP
				55.88	254.75	336.19	186.55	178.13	167.28	222.85	21.34 PHASE
262	63.13	31.48	641	9.27	18.61	6.75	3.44	5.94	6.34	1.86	1.39 AMP
				141.83	328.86	35.97	187.71	258.53	146.26	183.51	61.28 PHASE
263	64.18	32.58	648	7.85	9.92	7.96	3.36	6.28	8.82	1.89	.96 AMP
				145.81	328.39	33.63	191.26	248.48	126.93	175.13	87.32 PHASE
264	65.95	35.71	648	5.72	9.35	8.75	2.54	7.78	18.11	1.66	1.63 AMP
				148.88	318.61	26.24	178.23	248.84	144.38	127.16	98.20 PHASE
265	68.68	33.85	648	3.18	9.38	9.28	2.45	9.23	9.66	2.82	1.78 AMP
				119.95	384.14	18.94	127.79	248.86	166.67	133.83	184.73 PHASE
266	71.38	37.98	648	3.56	9.17	9.78	3.64	7.95	6.56	2.33	1.16 AMP
				45.37	294.31	1.45	98.75	239.65	195.16	192.95	114.88 PHASE
267	73.81	38.58	648	6.38	18.88	12.55	6.26	5.43	2.86	2.53	1.55 AMP
				31.97	274.68	333.25	58.91	168.38	98.81	215.65	138.58 PHASE
268	75.32	61.41	648	18.37	18.53	14.55	8.26	12.77	16.84	1.65	1.65 AMP
				44.41	263.74	338.84	77.39	158.92	112.11	143.81	197.23 PHASE
269	64.87	28.82	648	8.43	8.67	6.95	2.88	5.71	7.11	1.91	1.38 AMP
				137.68	326.88	32.99	197.11	237.51	158.32	228.82	45.38 PHASE
270	65.72	32.34	648	6.85	8.82	8.18	2.49	6.58	18.82	.74	.91 AMP
				137.84	321.25	26.17	191.99	217.69	127.42	197.19	55.87 PHASE
271	67.65	36.18	648	4.69	7.86	8.73	1.78	7.88	13.18	1.75	1.88 AMP
				125.86	389.82	17.34	148.61	287.72	146.82	88.23	93.41 PHASE
272	78.28	48.74	648	2.97	3.65	9.34	2.18	7.97	14.82	7.91	1.43 AMP
				89.41	388.62	6.42	181.42	199.56	178.38	181.62	188.26 PHASE
273	73.29	39.79	648	3.99	9.68	9.86	3.46	8.99	12.11	1.32	1.16 AMP
				26.94	288.55	349.83	68.82	175.85	173.88	125.11	183.11 PHASE
274	76.40	37.11	639	7.85	11.87	12.68	6.48	8.61	.58	1.88	1.22 AMP
				18.64	274.57	338.82	36.28	137.21	198.86	231.91	183.14 PHASE

TABLE VI.- Continued

(d) Concluded

TORSION 75 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
255	-2.81	3.49	636	1.93	.46	.61	.46	.36	.28	.39	.22 AMP
256	-3.00	3.45	636	130.12	202.02	203.59	74.05	332.65	205.19	50.70	344.70 PHASE
257	-3.21	3.60	636	2.05	.55	.55	.43	.31	.24	.33	.30 AMP
258	-3.35	3.59	636	115.31	207.22	207.72	75.94	319.36	184.99	20.97	352.49 PHASE
259	-3.52	4.26	636	2.24	.67	.61	.36	.20	.26	.33	.24 AMP
260	-4.13	7.66	636	102.40	290.29	200.85	86.41	348.74	160.79	24.77	350.69 PHASE
261	-5.38	10.28	637	2.56	.84	.72	.17	.22	.21	.27	.16 AMP
262	-3.29	3.79	641	90.70	291.19	205.90	07.53	350.38	149.36	25.10	350.60 PHASE
263	-3.46	3.99	640	3.04	.93	.93	.11	.07	.18	.27	.16 AMP
264	-3.62	4.03	640	83.20	301.79	204.02	191.47	320.03	148.37	24.01	33.61 PHASE
265	-3.79	4.30	640	3.50	1.35	1.40	.86	.86	.71	.66	.42 AMP
266	-3.93	4.96	640	65.05	354.76	165.53	159.33	197.96	244.98	10.09	90.58 PHASE
267	-4.29	6.02	640	4.49	2.42	2.05	1.14	1.60	2.01	1.57	.69 AMP
268	-4.93	9.70	640	40.41	350.02	196.05	264.96	271.50	321.16	50.55	205.91 PHASE
269	-3.45	3.75	640	2.26	.54	.63	.42	.25	.11	.25	.03 AMP
270	-3.60	3.96	640	120.71	314.54	206.02	78.94	287.45	186.75	7.97	302.76 PHASE
271	-3.77	4.04	640	2.34	.75	.68	.44	.28	.15	.34	.02 AMP
272	-3.94	5.06	640	116.30	310.06	212.78	94.73	304.96	213.52	5.64	100.33 PHASE
273	-4.04	5.06	640	2.56	.95	.88	.35	.47	.17	.33	.09 AMP
274	-4.29	5.81	639	104.05	306.42	212.26	90.99	347.55	166.00	17.77	247.90 PHASE
255	-2.81	3.49	636	2.92	1.14	1.05	.29	.54	.25	.27	.09 AMP
256	-3.00	3.45	636	91.76	301.60	204.61	70.20	7.50	133.06	2.06	290.97 PHASE
257	-3.21	3.60	636	3.42	1.26	1.25	.15	.65	.35	.30	.19 AMP
258	-3.35	3.59	636	84.09	300.11	200.01	25.07	34.33	142.50	351.49	30.20 PHASE
259	-3.52	4.26	636	3.09	1.43	1.41	.65	.68	.59	.61	.30 AMP
260	-4.13	7.66	636	69.51	335.15	160.14	96.14	110.05	191.21	325.02	44.00 PHASE
261	-5.38	10.28	637	4.06	2.00	1.91	.61	.93	1.34	1.00	.56 AMP
262	-3.29	3.79	641	57.09	349.04	176.74	102.56	201.27	259.77	350.04	96.00 PHASE
263	-3.46	3.99	640	2.34	.73	.73	.37	.22	.10	.22	.04 AMP
264	-3.62	4.03	640	126.00	329.77	215.01	01.92	204.17	194.06	8.19	270.73 PHASE
265	-3.79	4.30	640	2.40	.91	.87	.40	.29	.05	.22	.07 AMP
266	-3.93	4.96	640	113.42	316.62	212.50	07.73	292.09	105.55	351.75	235.13 PHASE
267	-4.29	6.02	640	2.63	1.05	1.02	.34	.37	.06	.21	.17 AMP
268	-4.93	9.70	640	100.22	307.43	206.90	08.51	324.76	03.06	350.66	254.10 PHASE
269	-3.45	3.75	640	3.02	1.22	1.16	.23	.47	.21	.15	.24 AMP
270	-3.60	3.96	640	09.00	303.46	203.05	75.41	349.91	69.65	357.00	274.50 PHASE
271	-3.77	4.04	640	3.54	1.37	1.30	.17	.64	.39	.07	.27 AMP
272	-3.94	4.50	640	70.66	297.07	190.67	7.52	6.90	67.91	290.42	206.66 PHASE
273	-4.04	5.06	640	4.11	1.56	1.35	.54	.79	.40	.30	.33 AMP
274	-4.29	5.81	639	66.97	330.11	171.70	71.99	01.04	147.00	270.74	0.00 PHASE

PITCH LINK											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
255	-3.04	9.76	636	3.10	3.00	1.56	1.04	.43	.56	.74	.37 AMP
256	-3.10	9.10	636	247.55	101.52	291.06	102.12	230.60	122.92	24.30	337.30 PHASE
257	-2.26	9.46	636	4.27	3.65	1.00	.97	.19	.56	.66	.54 AMP
258	-1.21	10.66	636	246.66	103.35	206.56	191.03	174.02	93.49	14.00	344.15 PHASE
259	-.02	14.16	636	5.46	3.01	1.41	1.12	.13	.54	.02	.43 AMP
260	2.24	21.35	636	230.67	102.77	323.20	193.09	216.05	66.06	16.21	341.92 PHASE
261	5.45	33.33	637	7.17	2.47	.93	1.67	.12	.52	.76	.47 AMP
262	-2.22	7.25	641	232.90	97.03	42.95	192.11	161.63	45.45	7.74	345.66 PHASE
263	-1.73	8.47	640	9.63	1.79	2.10	2.27	.12	.64	.04	.62 AMP
264	-1.17	9.26	640	229.11	04.11	59.00	199.05	126.39	43.41	23.70	11.99 PHASE
265	-.44	11.50	640	13.96	1.10	2.64	3.10	2.73	2.31	1.02	.95 AMP
266	.70	13.50	640	225.42	37.70	73.34	240.05	26.07	64.07	02.72	111.03 PHASE
267	2.20	19.09	640	19.72	3.24	6.07	1.49	7.07	4.69	2.59	2.31 AMP
268	3.72	26.60	640	223.79	49.43	04.90	273.64	73.23	121.14	149.66	105.10 PHASE
269	-1.13	7.40	640	3.27	3.47	1.12	.77	.21	.10	.39	.14 AMP
270	-.70	8.29	640	261.67	113.02	279.62	160.35	65.64	76.05	327.01	15.00 PHASE
271	-.31	8.05	640	4.11	3.92	1.01	.71	.30	.23	.47	.10 AMP
272	-.03	10.67	640	260.69	121.33	300.43	100.24	75.42	99.02	332.09	24.49 PHASE
273	.48	13.50	640	5.19	4.00	.73	1.30	.41	.20	.46	.11 AMP
274	1.62	19.41	639	254.71	121.91	357.24	106.62	270.62	46.26	340.53	217.61 PHASE
255	-2.81	3.49	636	6.59	4.03	1.53	1.93	.03	.52	.41	.09 AMP
256	-3.00	3.45	636	245.27	116.15	44.00	105.25	270.47	13.42	323.44	259.64 PHASE
257	-3.21	3.60	636	9.37	3.02	3.51	2.71	1.22	.71	.45	.24 AMP
258	-3.35	3.59	636	236.97	100.95	59.46	190.03	295.60	30.14	300.00	0.45 PHASE
259	-3.52	4.26	636	12.67	1.91	3.70	3.00	3.07	1.97	1.00	.97 AMP
260	-4.13	7.66	636	227.59	101.00	57.25	210.00	325.57	12.75	4.96	57.44 PHASE
261	-5.38	10.28	637	15.07	1.77	4.70	3.32	5.16	3.47	1.97	2.16 AMP
262	-3.29	3.79	641	225.04	76.77	60.26	250.41	12.20	61.76	95.09	114.50 PHASE
263	-3.46	3.99	640	3.33	3.55	.64	.60	.20	.22	.10	.14 AMP
264	-3.62	4.03	640	265.22	119.51	303.93	102.70	06.03	123.00	337.00	335.31 PHASE
265	-3.79	4.30	640	4.11	3.09	.60	.74	.40	.13	.30	.13 AMP
266	-3.93	4.96	640	260.10	122.24	339.65	196.13	90.93	110.05	320.03	320.17 PHASE
267	-4.29	6.02	640	4.07	4.00	1.01	1.05	.29	.22	.34	.12 AMP
268	-4.93	9.70	640	254.01	120.00	16.10	100.15	150.05	331.13	314.62	257.23 PHASE
269	-3.45	3.75	640	5.95	4.30	1.79	1.63	.56	.63	.40	.22 AMP
270	-3.60	3.96	640	249.67	119.00	39.77	172.00	223.01	320.00	300.03	273.62 PHASE
271	-3.77	4.04	640	4.93	4.20	3.33	2.46	1.02	1.07	.59	.41 AMP
272	-3.94	4.50	640	239.20	110.17	44.03	166.13	247.05	319.79	272.70	295.22 PHASE
273	-4.04	5.06	640	11.59	3.01	4.36	3.70	2.00	2.20	.04	1.00 AMP
274	-4.29	5.81	639	229.99	116.71	56.30	199.62	290.66	341.20	333.90	19.11 PHASE

TABLE VI.- Continued

(e)  $\mu = 0.40$ ;  $M_T = 0.62$ 

PT.	A1	B1	THETA	CL/SIGMA	CU/SIGMA	CW/SIGMA
275	1.6	4.2	6.0	.02274	-.00122	.00268
276	1.6	5.6	8.0	.03755	-.00361	.00392
277	1.6	7.0	10.0	.05208	-.00612	.00528
278	1.2	8.1	12.1	.06726	-.00843	.00684
279	3.1	4.3	4.0	.03211	-.00023	.00228
280	2.4	5.5	6.0	.04667	-.00155	.00299
281	2.1	6.9	8.0	.06094	-.00296	.00393
282	1.7	7.5	9.0	.06828	-.00354	.00450
283	1.7	8.2	9.9	.07330	-.00425	.00509
284	4.2	4.1	-.1	.02358	.00211	.00120
285	3.5	5.0	2.0	.04006	.00216	.00134
286	2.9	6.1	4.0	.05529	.00221	.00169
287	2.5	6.8	5.0	.06163	.00203	.00198
288	2.2	7.3	6.0	.06862	.00198	.00234
289	1.6	8.1	7.0	.07344	.00145	.00290

TABLE VI.- Continued

(e) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
275	47.82	38.84	585	11.75	15.25	6.41	5.82	2.83	1.37	1.44	1.21 AMP
276	49.32	31.46	585	151.87	341.47	181.71	45.75	115.73	68.91	263.67	79.87 PHASE
277	51.68	33.14	585	144.16	331.96	84.88	26.26	188.26	55.77	251.48	46.68 PHASE
278	53.98	33.32	585	12.71	15.76	6.88	7.22	2.73	1.33	.95	1.73 AMP
279	46.88	37.46	585	138.73	338.18	88.56	28.39	116.59	49.17	282.65	38.88 PHASE
280	48.41	37.54	585	13.12	15.83	5.24	7.66	2.71	1.53	1.87	1.32 AMP
281	58.51	37.41	585	138.41	326.72	77.31	26.99	136.42	46.88	389.19	26.23 PHASE
282	51.66	38.43	585	14.64	18.29	7.98	5.89	4.81	1.98	1.79	2.21 AMP
283	52.85	38.88	585	149.88	338.68	99.87	54.42	133.65	32.91	259.89	69.94 PHASE
284	43.88	47.92	585	14.71	18.13	7.51	7.88	3.77	1.88	.97	2.32 AMP
285	45.32	44.17	585	145.25	335.98	93.42	51.24	134.75	43.89	281.94	63.21 PHASE
286	47.36	41.33	585	14.98	18.15	7.16	7.83	3.28	2.21	1.82	2.86 AMP
287	48.29	39.78	585	138.58	329.81	83.69	42.86	126.81	31.91	384.58	31.21 PHASE
288	49.22	39.85	585	15.18	18.19	6.72	7.81	2.89	2.52	1.19	2.88 AMP
289	58.11	48.84	585	133.32	322.92	78.89	34.77	119.73	26.75	388.85	18.79 PHASE
				15.35	18.17	6.14	7.84	3.88	2.54	1.45	1.72 AMP
				129.24	319.91	72.67	38.13	118.87	22.71	313.71	354.98 PHASE
				17.25	19.86	18.69	7.92	7.59	2.43	1.84	3.84 AMP
				144.84	327.26	82.73	25.87	134.69	35.43	238.33	39.12 PHASE
				17.32	19.41	9.69	7.37	6.31	2.84	.81	3.18 AMP
				145.33	329.44	83.38	36.51	138.84	48.25	258.69	48.65 PHASE
				17.16	19.82	9.15	6.44	5.52	2.18	.68	2.75 AMP
				142.33	327.18	81.11	35.12	125.51	51.87	218.75	48.43 PHASE
				17.15	18.83	8.86	6.38	5.74	2.87	.45	2.48 AMP
				139.58	324.44	76.34	38.64	117.16	58.98	168.75	37.73 PHASE
				17.85	18.79	8.46	6.88	5.75	2.26	.49	2.34 AMP
				148.58	338.49	85.49	43.85	137.69	73.68	164.59	57.85 PHASE
				17.17	19.22	8.18	5.88	6.82	2.77	.82	2.78 AMP
				134.99	324.72	77.65	38.47	125.44	68.72	88.68	29.18 PHASE

CHORDWISE 25 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
275	42.33	58.75	585	2.93	29.66	21.94	2.86	6.41	17.51	6.71	1.88 AMP
276	44.84	84.75	585	298.64	191.22	388.29	125.68	315.37	313.58	282.18	151.35 PHASE
277	47.12	111.78	585	16.52	41.33	27.34	5.12	7.44	18.86	6.88	.86 AMP
278	49.16	143.73	585	359.47	187.85	289.11	93.57	283.19	288.64	248.22	222.44 PHASE
279	48.58	73.77	585	38.35	48.83	33.67	8.76	7.29	288.43	281.52	268.87 PHASE
280	41.18	89.68	585	18.42	192.13	287.11	98.88	288.43	281.52	287.48	268.87 PHASE
281	41.84	111.86	585	61.47	56.42	41.88	11.37	6.38	18.13	12.41	2.48 AMP
282	41.76	117.81	585	13.33	196.78	283.94	188.14	277.73	255.88	199.59	288.64 PHASE
283	41.97	131.15	585	12.15	33.17	23.87	6.73	7.96	12.87	8.19	.41 AMP
284	38.88	55.67	585	339.67	178.87	388.84	148.65	332.26	273.42	235.28	85.48 PHASE
285	36.68	73.29	585	23.98	48.72	27.17	8.28	8.61	12.27	18.59	.51 AMP
286	34.98	95.88	585	355.84	184.88	382.37	129.85	318.61	246.41	213.16	332.64 PHASE
287	34.46	186.29	585	39.18	47.55	34.44	11.42	7.88	18.19	18.44	1.68 AMP
288	34.24	113.85	585	1.29	185.67	291.58	117.45	382.89	224.48	198.87	382.88 PHASE
289	34.28	123.26	585	47.49	58.79	37.39	12.37	5.92	21.16	18.51	1.57 AMP
				2.33	183.73	283.69	185.84	288.81	218.88	182.81	285.68 PHASE
				56.37	53.42	41.54	13.33	5.88	21.12	17.87	1.98 AMP
				3.28	183.46	279.99	99.58	278.55	199.82	172.88	266.51 PHASE
				8.54	28.58	17.11	8.43	9.25	8.32	9.29	.99 AMP
				383.38	149.99	294.58	139.74	348.84	216.36	185.26	92.29 PHASE
				19.77	29.51	22.83	9.71	8.24	12.55	12.59	.36 AMP
				319.48	159.51	299.81	136.49	329.78	192.23	176.28	188.76 PHASE
				32.32	37.16	27.81	11.85	6.91	18.66	16.86	.22 AMP
				336.89	168.15	293.27	126.43	321.18	283.99	181.73	2.26 PHASE
				38.15	39.41	38.11	11.68	7.38	19.88	17.79	.56 AMP
				348.84	169.21	287.48	114.26	324.95	192.32	166.46	165.78 PHASE
				45.23	42.28	32.53	12.37	6.99	22.33	19.83	.75 AMP
				349.17	179.15	295.79	125.18	348.85	213.69	188.47	213.45 PHASE
				48.78	46.39	35.94	13.53	6.49	28.48	22.85	1.47 AMP
				351.37	177.48	286.68	115.43	313.99	286.18	174.57	211.28 PHASE

TABLE VI.- Continued

(e) Continued

TORSION 28 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
275	3.52	10.69	585	3.88	4.81	.97	2.82	.71	.28	.24	.29
				115.36	314.91	249.84	44.96	214.98	143.22	315.83	184.36
276	2.65	11.99	585	3.76	5.45	1.59	3.21	.89	.56	.45	.25
				102.81	307.84	241.72	36.84	171.86	166.81	268.64	142.15
277	1.83	13.39	585	4.77	5.78	2.16	3.37	1.14	.78	.52	.28
				92.84	307.87	249.24	43.88	166.17	174.62	271.58	122.19
278	.83	15.53	585	6.48	6.13	3.85	4.14	1.98	1.82	.88	.41
				82.48	299.44	256.85	46.59	168.52	182.57	277.51	186.68
279	3.56	11.33	585	3.57	5.84	1.88	2.98	1.16	.84	.26	.26
				108.75	309.15	176.60	38.83	188.36	319.75	279.18	137.41
280	2.78	11.25	585	4.37	5.39	1.83	2.73	.99	.11	.16	.29
				99.88	306.56	204.88	33.56	174.78	169.59	216.46	126.94
281	1.76	13.98	585	5.69	5.88	1.51	3.41	1.88	.51	.43	.48
				89.23	296.44	238.93	29.31	155.35	165.37	239.95	93.41
282	1.19	16.58	585	6.55	6.12	1.91	3.74	1.95	.73	.59	.53
				83.36	288.82	238.38	25.23	145.97	149.16	236.48	75.67
283	.55	15.55	585	7.49	6.28	2.33	3.75	2.88	.86	.45	.55
				78.41	283.13	243.89	22.13	134.81	148.81	237.23	74.51
284	5.12	12.84	585	3.89	5.27	2.67	2.64	.91	.77	.39	.88
				91.85	285.95	137.38	9.45	135.49	358.25	334.29	68.95
285	4.14	12.15	585	4.87	5.52	2.32	2.89	.68	.64	.23	.18
				88.82	288.87	149.22	14.12	126.16	353.43	348.49	81.95
286	2.99	13.87	585	5.17	5.78	2.87	2.58	1.88	.56	.33	.24
				82.69	285.93	178.67	17.29	151.68	351.48	262.24	91.28
287	2.43	13.85	585	5.68	5.54	2.82	2.34	.85	.48	.29	.38
				79.11	282.92	176.94	8.65	118.26	6.81	234.88	94.86
288	1.66	13.72	585	6.45	5.46	2.22	2.78	1.14	.46	.41	.48
				77.44	288.82	198.99	21.58	126.47	63.25	247.46	116.76
289	.72	14.78	585	7.38	5.69	1.88	3.87	1.97	.46	.25	.82
				69.95	284.28	212.61	21.81	116.92	84.53	272.83	98.39

TABLE VI.- Continued

(e) Continued

FLAPWISE 37 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
275	32.36	35.24	585	15.79	19.63	9.74	3.52	1.95	.43	.67	.32 AMP
				144.24	349.57	96.56	38.62	98.84	322.22	316.89	226.89 PHASE
276	34.52	36.78	585	16.73	28.44	18.72	3.95	1.99	.47	.76	.28 AMP
				139.11	348.14	81.23	28.58	91.79	388.37	282.84	225.73 PHASE
277	36.64	38.42	585	17.73	28.98	18.87	4.17	1.53	.54	.82	.29 AMP
				137.88	338.13	78.34	23.68	93.84	299.58	275.63	236.95 PHASE
278	38.77	48.29	585	18.77	21.46	11.13	4.22	1.17	.66	.84	.23 AMP
				133.75	335.27	76.73	22.43	113.82	289.69	277.72	289.89 PHASE
279	38.18	43.22	585	28.85	23.36	18.97	4.28	1.91	.57	.66	.57 AMP
				143.26	344.93	94.22	48.63	128.87	349.75	296.64	233.11 PHASE
280	32.35	43.88	585	28.64	23.37	11.83	4.28	1.83	.42	.72	.54 AMP
				141.28	342.18	88.25	48.18	121.21	348.87	288.29	245.75 PHASE
281	34.42	45.48	585	21.51	23.67	11.59	3.87	1.58	.56	.81	.49 AMP
				136.84	335.58	79.54	48.79	118.83	327.18	268.38	228.67 PHASE
282	35.74	46.85	585	22.18	23.89	11.57	3.73	1.27	.63	.83	.41 AMP
				133.62	329.98	73.51	34.92	99.78	319.52	256.93	285.36 PHASE
283	36.31	46.68	585	22.33	24.18	11.64	3.64	1.33	.63	.82	.34 AMP
				131.31	327.86	69.97	32.21	96.55	389.28	247.69	188.75 PHASE
284	26.45	49.92	585	22.41	24.41	12.55	5.14	4.13	.91	.74	.84 AMP
				141.35	331.27	73.96	15.85	148.81	23.23	272.97	211.84 PHASE
285	28.66	48.57	585	23.89	23.88	12.28	4.55	3.28	.81	.71	.82 AMP
				141.86	333.83	75.22	27.34	135.59	41.57	278.96	232.62 PHASE
286	38.68	48.73	585	23.68	23.79	12.31	3.57	2.77	.72	.68	.85 AMP
				139.84	338.75	72.98	25.44	128.15	41.78	268.87	233.55 PHASE
287	31.59	47.82	585	23.88	23.67	12.14	3.41	2.94	.67	.67	.83 AMP
				137.65	328.82	68.47	23.43	119.49	47.86	245.83	228.62 PHASE
288	32.49	49.24	585	24.84	23.86	12.39	3.84	2.98	.68	.77	.88 AMP
				139.64	334.14	78.86	37.55	142.18	72.48	262.82	258.71 PHASE
289	33.39	49.58	585	24.29	24.62	12.33	2.29	3.59	.53	.89	.85 AMP
				135.64	328.38	78.97	18.57	128.26	75.98	258.28	227.78 PHASE

CHORDWISE 37 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
275	25.18	57.19	585	3.68	21.65	14.18	3.42	6.47	27.25	12.97	1.98 AMP
				297.55	198.38	319.51	144.85	317.11	311.72	288.23	134.22 PHASE
276	26.91	78.93	585	12.88	31.81	18.59	5.95	8.36	25.34	12.92	.54 AMP
				351.38	187.46	318.11	184.99	281.89	288.21	258.86	188.93 PHASE
277	27.66	97.39	585	28.21	38.84	24.14	18.71	8.35	28.49	15.67	.83 AMP
				5.48	193.18	389.13	185.65	284.59	279.63	218.19	247.53 PHASE
278	27.94	127.88	585	45.32	45.46	38.78	14.41	7.28	18.64	19.67	1.12 AMP
				9.34	197.86	386.22	186.91	268.97	257.97	287.86	298.91 PHASE
279	23.49	63.64	585	11.29	25.24	17.28	8.78	18.89	21.86	14.59	.65 AMP
				338.17	177.34	329.56	149.79	328.66	274.35	245.68	114.65 PHASE
280	23.23	88.48	585	19.76	31.88	28.81	11.14	11.72	18.38	18.12	.34 AMP
				348.33	185.82	325.55	138.18	315.46	248.31	223.49	26.72 PHASE
281	22.88	181.58	585	31.89	38.28	26.65	15.27	18.65	27.87	25.18	.29 AMP
				356.88	186.83	315.25	125.48	299.72	227.62	285.98	283.92 PHASE
282	22.12	189.63	585	37.58	41.67	29.34	16.81	8.45	32.56	26.36	.42 AMP
				357.72	185.28	388.87	114.28	282.87	213.89	189.77	46.48 PHASE
283	21.89	119.41	585	44.33	44.65	33.89	18.23	8.25	32.79	28.34	.38 AMP
				359.26	185.17	383.52	187.68	271.66	282.85	178.83	134.58 PHASE
284	22.88	55.44	585	18.98	16.61	12.88	18.72	11.19	11.99	16.36	.91 AMP
				382.99	146.86	316.89	146.52	328.21	219.98	189.85	169.86 PHASE
285	28.16	76.84	585	18.42	23.78	18.53	13.15	18.74	16.96	21.88	1.48 AMP
				318.29	159.81	328.65	138.86	315.11	189.28	181.65	245.58 PHASE
286	18.87	98.82	585	27.94	38.35	22.99	15.88	9.28	26.59	27.38	1.87 AMP
				333.71	168.54	316.45	131.36	385.81	284.25	185.91	225.59 PHASE
287	17.21	182.42	585	32.51	32.51	24.98	16.54	9.15	29.83	29.69	1.31 AMP
				338.88	178.15	311.13	119.65	389.18	191.53	171.32	183.48 PHASE
288	16.29	118.58	585	38.88	35.78	27.19	17.88	7.88	33.46	32.47	1.64 AMP
				346.41	188.22	328.35	138.73	329.98	213.98	193.29	282.98 PHASE
289	15.78	128.32	585	41.14	48.15	38.16	19.27	8.17	38.98	35.36	2.46 AMP
				348.96	178.69	311.61	122.82	291.59	288.42	188.12	198.47 PHASE

TABLE VI.- Continued

(e) Continued

TORSION 36 PERCENT RADIUS											
RUN NO		36									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
275	2.06	7.32	585	2.53	3.35	1.38	2.02	.44	.19	.19	.28 AMP
				69.22	303.37	216.42	15.22	203.10	115.69	299.36	123.46 PHASE
276	1.46	8.62	585	3.38	3.87	1.86	2.28	.46	.51	.28	.15 AMP
				63.41	296.27	218.21	8.86	146.54	132.88	248.54	79.88 PHASE
277	.48	10.18	585	4.42	4.12	2.29	2.43	.69	.69	.33	.19 AMP
				68.57	296.24	216.88	17.86	129.87	141.93	238.59	66.38 PHASE
278	-.61	11.55	585	6.88	4.28	3.82	3.13	1.37	.94	.42	.33 AMP
				56.59	288.21	222.11	18.14	118.18	152.87	248.84	59.68 PHASE
279	2.16	7.97	585	2.98	3.35	1.48	2.12	.64	.15	.11	.17 AMP
				67.16	294.78	172.87	358.28	161.19	221.88	2.66	97.42 PHASE
280	1.38	8.28	585	3.84	3.62	1.58	1.94	.58	.18	.13	.15 AMP
				63.55	294.25	187.65	359.97	137.51	181.14	65.83	89.31 PHASE
281	.42	10.88	585	5.85	3.91	2.87	2.57	1.28	.47	.11	.28 AMP
				59.47	284.87	198.27	356.29	113.78	158.22	172.75	38.18 PHASE
282	-.13	10.99	585	5.87	4.81	2.38	2.92	1.48	.58	.28	.27 AMP
				56.83	276.17	281.45	352.49	183.91	133.61	184.18	23.83 PHASE
283	-.73	11.31	585	6.73	4.81	2.67	2.94	1.62	.68	.89	.38 AMP
				53.58	271.14	284.31	349.89	91.33	129.96	198.64	27.28 PHASE
284	3.63	8.92	585	2.85	3.56	2.46	1.78	.33	.56	.45	.86 AMP
				48.39	266.62	138.25	339.68	73.19	297.73	312.29	181.88 PHASE
285	2.69	9.33	585	3.68	3.69	2.36	1.36	.32	.51	.34	.89 AMP
				52.65	271.98	143.17	342.85	38.47	288.49	334.98	47.24 PHASE
286	1.68	10.42	585	4.63	3.77	2.46	1.86	.53	.52	.89	.89 AMP
				51.85	278.83	168.56	347.12	111.35	283.22	389.31	36.73 PHASE
287	1.16	10.47	585	5.89	3.59	2.56	1.71	.45	.43	.87	.11 AMP
				58.89	269.88	163.89	337.43	56.73	288.92	28.92	48.49 PHASE
288	.47	11.28	585	5.88	3.46	2.85	2.86	.73	.31	.14	.15 AMP
				58.76	276.38	181.13	358.77	73.29	336.29	125.72	64.56 PHASE
289	-.37	11.88	585	6.82	3.46	2.73	3.19	1.46	.16	.88	.47 AMP
				44.56	273.88	186.69	351.98	78.97	18.88	358.23	48.31 PHASE



TABLE VI.- Continued

(e) Continued

RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
275	28.67	41.86	585	19.21	24.15	12.56	1.85	.92	1.82	1.14	1.13 AMP
				137.84	358.83	85.84	383.58	337.22	244.56	72.48	247.14 PHASE
276	23.88	46.82	585	28.57	25.18	14.48	1.46	.75	.91	.92	1.54 AMP
				132.81	348.42	72.37	297.83	318.63	248.44	58.28	219.12 PHASE
277	25.28	48.53	585	22.82	25.85	15.38	1.64	.79	.89	.67	1.79 AMP
				131.68	338.12	71.88	298.58	315.89	243.15	91.43	214.55 PHASE
278	27.31	52.79	585	23.68	26.81	16.46	1.98	.73	1.18	.87	1.44 AMP
				129.82	335.73	71.77	288.86	324.48	245.18	133.59	285.42 PHASE
279	17.49	51.82	585	24.27	28.79	13.91	.85	.56	1.29	1.49	2.15 AMP
				138.24	346.58	81.58	352.44	324.36	211.97	74.35	246.32 PHASE
280	19.79	51.85	585	25.86	28.84	14.53	.93	1.35	1.89	.68	2.23 AMP
				136.88	343.33	78.23	339.85	312.38	217.94	181.59	238.48 PHASE
281	21.95	54.74	585	26.29	29.48	15.93	1.12	1.38	1.15	.78	2.81 AMP
				132.98	336.73	71.25	315.82	385.53	213.67	128.87	287.21 PHASE
282	22.76	56.33	585	26.99	29.88	16.15	1.28	1.25	1.27	.87	1.97 AMP
				138.18	331.16	65.54	382.79	293.98	212.17	128.38	186.87 PHASE
283	23.74	57.93	585	27.33	38.13	16.46	1.19	1.25	1.26	1.17	1.68 AMP
				128.15	328.28	62.72	295.38	298.17	218.84	137.72	171.48 PHASE
284	13.42	55.34	585	25.83	29.12	15.46	1.14	2.88	1.73	1.73	3.78 AMP
				136.73	332.56	59.74	343.45	289.76	198.35	48.87	212.54 PHASE
285	15.86	55.13	585	26.71	28.45	15.62	1.18	1.94	1.22	.58	3.33 AMP
				137.79	333.92	62.66	338.61	283.73	287.76	53.58	223.28 PHASE
286	17.96	54.92	585	27.72	28.51	16.35	1.86	1.75	.98	.68	2.88 AMP
				135.93	331.76	61.59	316.67	288.34	212.32	11.83	216.18 PHASE
287	19.84	54.97	585	28.14	28.31	16.41	1.84	1.89	.79	.61	2.53 AMP
				133.95	328.99	57.64	313.83	268.52	288.94	326.87	212.26 PHASE
288	19.96	56.48	585	28.45	28.64	16.96	1.82	2.81	.75	.75	2.34 AMP
				135.98	334.95	67.66	319.96	286.77	243.16	341.48	233.81 PHASE
289	28.78	58.34	585	28.68	29.74	17.87	1.54	2.37	1.88	.98	2.72 AMP
				131.88	329.22	68.62	284.71	278.51	243.92	277.12	286.12 PHASE

RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
275	37.18	63.92	585	3.52	16.92	11.33	3.79	7.83	33.71	16.92	2.43 AMP
				386.58	195.89	346.29	151.29	317.82	313.88	294.69	146.28 PHASE
276	38.34	67.17	585	18.84	24.87	15.77	7.38	9.54	31.53	16.87	.88 AMP
				348.54	191.48	334.92	188.43	278.38	282.25	258.87	192.35 PHASE
277	38.51	96.94	585	22.87	31.88	21.27	11.63	9.81	25.68	19.47	1.33 AMP
				2.25	198.71	331.19	186.16	277.26	281.46	224.27	236.89 PHASE
278	38.68	118.32	585	36.39	37.64	27.72	15.66	9.36	23.98	23.84	.88 AMP
				6.19	281.89	326.51	186.78	257.27	268.97	212.88	287.37 PHASE
279	36.18	61.88	585	18.81	18.88	14.13	8.77	13.81	25.91	18.79	1.82 AMP
				329.95	188.48	351.34	152.18	325.43	277.55	252.81	177.71 PHASE
280	35.39	71.16	585	16.78	24.49	17.81	11.58	13.72	22.37	23.78	.22 AMP
				345.64	188.95	346.24	138.93	318.35	252.95	238.15	288.46 PHASE
281	34.42	92.76	585	25.62	38.25	23.61	16.87	12.62	33.51	31.73	.68 AMP
				353.64	198.65	334.68	124.96	289.63	231.94	212.33	166.48 PHASE
282	33.78	183.92	585	38.92	33.41	26.51	17.88	18.76	39.88	33.86	1.42 AMP
				355.38	188.96	326.58	113.56	267.67	217.93	196.82	97.48 PHASE
283	32.98	118.56	585	36.49	36.42	38.87	19.62	18.91	39.28	35.44	1.72 AMP
				357.35	188.58	328.86	186.42	255.54	287.85	185.77	118.48 PHASE
284	34.64	57.41	585	18.24	11.76	18.14	18.93	12.73	14.37	28.62	2.18 AMP
				385.28	145.52	343.48	153.55	321.61	225.65	193.96	195.31 PHASE
285	33.18	78.99	585	16.88	17.34	15.23	13.25	12.47	19.83	27.99	2.91 AMP
				319.49	162.15	348.77	148.56	385.35	192.99	186.85	249.16 PHASE
286	38.98	84.79	585	23.54	7.96	19.67	16.28	18.97	38.63	34.68	2.31 AMP
				333.33	171.54	334.26	131.23	298.88	288.55	191.75	223.46 PHASE
287	29.77	93.84	515	27.47	25.15	21.68	17.28	18.36	33.21	37.31	1.97 AMP
				337.65	172.87	328.12	118.67	289.14	195.81	177.95	195.88 PHASE
288	28.65	182.29	585	32.15	28.14	24.21	18.74	8.73	38.74	48.41	2.45 AMP
				345.93	182.85	336.25	129.11	381.34	217.54	288.58	284.23 PHASE
289	27.68	116.11	585	35.28	32.71	27.75	28.62	11.56	45.58	43.84	3.44 AMP
				348.91	188.38	327.83	128.89	265.72	212.91	188.12	197.44 PHASE

TABLE VI.- Continued

(e) Continued

TORSION 5% PERCENT RADIUS											
RUN NO		36									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
275	- .86	5.88	585	2.51	2.64	.84	1.23	.16	.13	.16	.16 AMP
				73.50	321.18	216.67	40.90	266.81	138.21	356.91	142.13 PHASE
276	-1.42	7.12	585	3.16	3.07	1.22	1.40	.10	.41	.21	.14 AMP
				67.27	311.89	212.05	36.69	114.66	163.58	290.44	98.01 PHASE
277	-1.96	8.19	585	3.86	3.36	1.49	1.53	.36	.56	.22	.15 AMP
				65.00	311.50	218.03	46.50	114.50	176.77	290.70	92.45 PHASE
278	-2.54	9.28	585	4.75	3.62	1.96	2.02	.97	.75	.27	.22 AMP
				62.37	307.44	221.76	43.54	121.93	188.74	309.71	88.20 PHASE
279	- .69	6.11	585	2.75	2.61	.98	1.23	.20	.16	.23	.12 AMP
				73.51	312.79	175.04	24.43	165.95	250.78	40.64	165.35 PHASE
280	-1.17	6.57	585	3.36	2.89	1.12	1.10	.26	.23	.24	.13 AMP
				69.99	312.04	180.21	20.44	92.41	238.89	76.87	176.76 PHASE
281	-1.78	7.98	585	4.11	3.12	1.40	1.59	.92	.42	.11	.06 AMP
				65.39	305.35	197.52	23.55	112.61	205.02	82.73	61.44 PHASE
282	-2.14	8.55	585	4.57	3.16	1.74	1.88	.10	.44	.07	.11 AMP
				61.54	299.44	200.03	10.09	106.10	107.50	121.76	8.60 PHASE
283	-2.52	8.79	585	5.07	3.13	1.99	1.93	.30	.49	.15	.12 AMP
				58.84	297.04	202.97	13.96	96.62	103.06	50.54	10.02 PHASE
284	.62	6.45	585	2.43	2.69	1.72	1.04	.29	.46	.51	.17 AMP
				58.64	284.12	143.13	12.30	23.45	311.10	356.38	172.89 PHASE
285	- .03	7.00	585	3.06	2.79	1.68	.72	.53	.47	.42	.12 AMP
				67.73	293.31	154.15	10.86	15.31	294.35	16.42	172.10 PHASE
286	- .71	7.00	525	3.73	2.89	1.80	1.09	.31	.50	.27	.07 AMP
				59.20	293.17	169.05	17.64	62.17	291.01	27.56	198.28 PHASE
287	-1.07	8.00	585	4.05	2.79	1.91	.98	.60	.52	.28	.10 AMP
				57.03	289.54	172.49	8.01	30.41	280.01	42.58	201.73 PHASE
288	-1.55	8.56	525	4.50	2.74	2.16	1.23	.01	.38	.27	.08 AMP
				57.42	293.72	188.22	19.12	60.71	319.01	101.22	249.72 PHASE
289	-2.21	9.21	585	5.07	2.84	2.12	2.03	1.29	.15	.22	.22 AMP
				49.81	303.26	186.67	17.89	60.40	294.28	63.59	69.96 PHASE

TABLE VI.- Continued

(e) Continued

PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
275	3.23	41.18	585	19.18	28.54	8.88	4.57	4.76	.64	.81	1.27	AMP
276	5.81	42.78	585	143.22	358.34	62.73	225.57	269.84	91.59	247.63	51.32	PHASE
277	8.48	43.57	585	20.43	21.54	9.52	4.45	4.99	.61	.51	1.81	AMP
278	18.87	46.46	585	148.18	342.84	58.98	288.58	262.11	86.62	233.94	24.86	PHASE
279	.13	46.17	585	21.41	22.29	18.41	4.12	4.68	.69	.33	2.26	AMP
280	2.82	45.98	585	141.17	341.74	51.17	216.21	268.17	93.28	317.28	18.89	PHASE
281	5.39	47.32	585	22.96	23.74	11.11	3.95	4.58	.95	.84	1.81	AMP
282	6.61	48.39	585	142.43	348.89	58.82	221.79	288.84	92.37	348.14	4.38	PHASE
283	7.82	49.77	585	22.39	24.38	18.13	5.26	4.74	.82	1.53	2.16	AMP
284	-4.84	48.38	585	144.27	346.22	52.27	242.36	291.34	38.97	278.82	58.52	PHASE
285	-1.38	47.23	585	22.76	24.62	18.57	4.78	4.91	.72	1.11	2.46	AMP
286	1.35	47.62	585	145.18	343.89	49.92	246.85	293.99	17.52	323.68	48.55	PHASE
287	2.65	47.99	585	23.71	25.57	11.34	4.58	4.96	.34	1.29	2.46	AMP
288	3.89	48.28	585	143.81	338.21	43.24	243.38	286.86	355.72	323.66	5.32	PHASE
289	4.59	50.09	585	24.55	26.11	11.51	4.31	4.75	.15	1.45	2.44	AMP
				142.85	333.76	37.78	239.96	277.89	314.22	311.46	342.14	PHASE
				24.86	26.52	11.67	4.22	5.18	.19	1.72	2.18	AMP
				141.36	338.94	35.69	239.96	275.62	283.68	314.88	323.99	PHASE
				23.87	24.68	13.49	5.22	7.85	1.32	1.57	4.11	AMP
				139.33	331.38	32.77	224.92	388.84	16.34	271.37	18.97	PHASE
				23.52	24.38	13.38	4.41	6.17	.86	1.21	3.98	AMP
				142.76	333.62	35.54	236.11	297.77	17.83	331.16	28.84	PHASE
				24.34	24.72	13.68	3.62	5.81	.45	.77	3.48	AMP
				143.26	332.44	35.56	237.96	298.13	295.88	325.27	16.99	PHASE
				24.66	24.63	13.67	3.55	6.28	.68	.52	2.94	AMP
				142.64	333.89	31.38	238.83	282.34	272.25	341.38	11.86	PHASE
				25.11	24.85	13.83	3.45	6.35	.94	.26	2.82	AMP
				145.98	335.94	43.99	252.13	383.82	275.18	15.93	38.91	PHASE
				24.98	26.20	14.81	3.85	7.55	1.87	.98	3.35	AMP
				143.24	331.78	33.29	254.51	292.11	262.84	37.57	7.15	PHASE

PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
275	52.26	48.88	585	18.12	18.15	8.78	3.64	6.43	13.51	7.31	1.21	AMP
276	53.66	48.48	585	141.85	335.78	44.44	286.89	286.21	386.86	288.88	97.86	PHASE
277	55.48	46.36	585	9.17	9.45	11.89	3.37	7.51	12.74	7.23	1.88	AMP
278	58.87	46.58	585	129.25	318.42	28.57	167.88	263.28	276.59	253.78	33.34	PHASE
279	58.34	44.45	585	8.85	9.61	12.82	4.28	7.38	18.46	7.72	1.22	AMP
280	51.55	46.56	585	112.73	387.68	22.83	148.98	262.71	275.54	228.89	18.12	PHASE
281	53.49	56.93	585	7.85	18.65	14.66	5.44	6.97	9.82	9.82	1.42	AMP
282	54.74	59.81	585	93.18	298.91	15.28	129.78	252.98	254.67	289.93	8.66	PHASE
283	55.72	68.38	585	18.58	12.88	11.89	4.78	8.41	18.58	8.59	1.89	AMP
284	45.92	41.74	585	148.47	337.41	38.99	282.87	384.38	274.61	258.28	68.44	PHASE
285	47.74	44.88	585	9.25	11.32	12.39	4.55	8.88	8.95	9.59	1.58	AMP
286	49.82	58.53	585	133.99	326.41	32.57	181.89	294.86	251.88	228.94	41.88	PHASE
287	58.95	55.18	585	8.31	11.44	14.23	5.38	8.52	13.89	12.68	1.37	AMP
288	51.94	58.72	585	119.98	312.58	28.13	153.42	276.22	228.47	218.88	19.31	PHASE
289	52.44	69.21	585	8.23	11.64	14.93	5.64	7.78	16.39	13.19	1.64	AMP
				118.15	383.77	11.38	135.67	257.19	213.74	195.84	11.85	PHASE
				8.13	11.84	15.59	6.12	8.88	16.63	13.87	1.85	AMP
				99.82	297.88	5.11	123.48	248.53	282.94	184.75	5.31	PHASE
				11.88	14.19	12.35	6.31	18.86	5.15	8.62	1.75	AMP
				148.86	329.34	27.96	188.59	383.98	226.82	194.57	22.84	PHASE
				9.75	12.42	13.26	5.69	9.68	6.74	18.83	1.85	AMP
				141.24	326.88	25.78	174.38	292.75	189.62	183.18	358.87	PHASE
				8.48	11.34	14.26	6.81	9.95	13.75	13.75	1.54	AMP
				134.35	317.87	19.48	155.78	279.48	287.51	187.41	358.67	PHASE
				7.76	18.84	14.73	5.76	9.13	13.36	14.82	1.52	AMP
				128.15	311.98	13.87	141.68	273.11	194.88	173.58	1.51	PHASE
				7.82	18.45	15.58	6.18	8.38	16.86	16.12	1.45	AMP
				123.77	315.97	28.83	149.46	287.67	216.29	196.69	38.59	PHASE
				6.43	18.98	16.46	6.71	18.13	19.77	17.83	1.66	AMP
				188.79	387.64	11.29	133.58	266.81	211.86	184.84	353.68	PHASE

TABLE VI.- Continued

(e) Concluded

TORSION 75 PERCENT RADIUS											
RUN NO		36									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
275	-3.87	3.84	585	2.43	.93	.89	.43	.38	.81	.86	.22 AMP
				124.27	336.18	248.93	79.71	59.47	286.13	156.33	66.16 PHASE
276	-3.31	4.37	585	2.63	1.16	1.14	.57	.46	.19	.88	.21 AMP
				189.24	316.28	238.62	77.22	46.33	158.67	181.88	36.54 PHASE
277	-3.54	4.99	585	2.95	1.36	1.31	.69	.62	.28	.87	.23 AMP
				99.22	312.34	228.37	87.62	55.97	162.82	192.77	41.51 PHASE
278	-3.77	5.55	585	3.41	1.59	1.58	.83	.89	.36	.85	.27 AMP
				98.49	385.76	223.75	79.37	68.45	167.27	295.67	37.35 PHASE
279	-2.94	3.81	585	2.36	.68	.79	.51	.49	.15	.22	.17 AMP
				121.24	318.15	235.28	93.57	65.55	261.14	88.84	75.32 PHASE
280	-3.16	4.19	585	2.55	.89	.95	.58	.67	.17	.23	.13 AMP
				189.37	313.85	231.99	183.88	54.46	245.73	91.66	86.68 PHASE
281	-3.38	4.58	585	2.87	1.11	1.16	.78	.96	.21	.28	.19 AMP
				98.11	381.61	228.95	98.88	61.89	281.93	85.86	21.88 PHASE
282	-3.49	5.81	585	3.88	1.28	1.28	.75	1.85	.19	.28	.22 AMP
				92.15	294.68	214.13	78.31	54.16	178.19	81.16	351.84 PHASE
283	-3.58	5.39	585	3.38	1.25	1.38	.76	1.18	.17	.23	.23 AMP
				88.23	292.22	211.23	77.48	48.86	171.58	51.85	349.34 PHASE
284	-2.33	3.71	585	1.91	.54	.93	.73	.57	.38	.25	.38 AMP
				123.88	269.39	281.46	83.68	32.42	274.54	62.89	84.82 PHASE
285	-2.58	3.87	585	2.11	.61	.93	.75	.78	.36	.25	.25 AMP
				112.61	278.84	287.37	188.86	22.96	258.84	63.28	98.64 PHASE
286	-2.81	4.29	585	2.39	.81	1.88	.76	.74	.39	.28	.17 AMP
				181.35	278.13	286.45	92.29	31.64	261.98	78.39	62.85 PHASE
287	-2.91	4.54	585	2.56	.85	1.16	.73	.96	.36	.32	.11 AMP
				96.98	275.98	284.87	91.73	18.33	261.58	66.45	37.17 PHASE
288	-3.83	5.81	585	2.75	.96	1.29	.71	1.11	.27	.36	.12 AMP
				95.48	283.92	214.87	99.54	39.96	289.71	96.19	48.41 PHASE
289	-3.25	5.29	585	2.85	1.15	1.22	.99	1.42	.11	.27	.23 AMP
				88.76	289.36	286.88	74.15	42.59	231.28	82.58	18.11 PHASE

PITCH LINK											
RUN NO		36									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
275	-1.63	12.86	585	4.87	5.41	.61	2.87	.58	.18	.53	.88 AMP
				298.48	123.94	158.15	217.25	18.96	327.72	65.17	382.73 PHASE
276	-1.84	15.84	585	4.91	6.16	1.88	3.31	.84	.64	.62	.18 AMP
				298.48	117.77	112.75	287.82	321.14	348.44	54.28	278.82 PHASE
277	-.66	16.74	585	5.92	6.72	1.63	3.48	1.19	.88	.71	.28 AMP
				286.77	118.41	182.93	212.86	313.85	358.26	61.89	279.17 PHASE
278	-.28	19.16	585	7.28	7.45	2.69	4.23	1.95	1.18	.62	.14 AMP
				277.36	113.88	95.85	216.21	317.79	358.91	58.77	284.37 PHASE
279	-1.91	15.43	585	4.98	5.73	.58	2.89	1.34	.15	.46	.41 AMP
				384.83	121.39	257.37	285.88	353.88	161.68	43.61	234.92 PHASE
280	-1.46	15.28	585	5.37	6.19	.24	2.82	1.22	.82	.57	.48 AMP
				292.16	119.69	215.12	287.83	334.97	328.64	48.12	246.87 PHASE
281	-.77	17.22	585	6.51	6.85	.79	3.64	1.97	.58	.62	.53 AMP
				281.79	118.82	187.81	285.45	322.88	353.45	57.63	242.73 PHASE
282	-.42	17.95	585	7.23	7.17	1.45	3.98	2.84	.79	.68	.54 AMP
				274.93	183.82	94.58	281.79	389.48	331.83	46.92	225.84 PHASE
283	.84	18.98	585	8.12	7.37	2.89	4.83	2.27	.96	.62	.46 AMP
				269.99	98.67	92.76	197.39	388.68	325.16	35.88	218.47 PHASE
284	-2.91	15.77	585	4.53	5.88	2.46	2.81	1.32	.78	.36	.45 AMP
				388.82	181.34	273.28	182.77	311.87	176.87	23.75	163.38 PHASE
285	-2.35	15.66	585	5.24	6.28	1.71	2.18	1.31	.65	.22	.49 AMP
				288.62	184.65	275.43	183.23	385.59	182.85	53.51	187.94 PHASE
286	-1.59	16.58	585	6.89	6.68	.83	2.49	1.55	.51	.63	.47 AMP
				277.87	188.97	289.67	193.12	315.27	182.69	52.31	218.41 PHASE
287	-1.28	16.88	585	6.54	6.56	.56	2.31	1.48	.47	.62	.54 AMP
				272.12	97.66	293.28	183.62	298.81	285.85	37.19	221.65 PHASE
288	-.65	16.32	585	7.28	6.46	.51	2.73	1.84	.49	.74	.74 AMP
				268.45	183.23	12.87	195.66	299.34	274.88	63.99	258.28 PHASE
289	.11	18.15	585	8.81	6.77	.78	3.76	2.65	.65	.39	.86 AMP
				268.27	98.18	84.86	196.91	289.38	286.83	39.37	248.68 PHASE

TABLE VI.- Continued

(f)  $\mu = 0.40$ ;  $M_T = 0.65$ 

PT.	A1	B1	THETA	CL/SIGMA	CU/SIGMA	CV/SIGMA
290	2.9	3.0	0.0	.02638	.00256	.00127
291	2.2	4.3	2.0	.03457	.00236	.00145
292	1.2	5.9	4.0	.05131	.00178	.00193
293	1.3	6.8	5.0	.05624	.00148	.00226
294	1.2	7.7	6.0	.06205	.00109	.00266
295	.9	8.0	7.0	.06451	.00108	.00314
296	.4	8.7	8.0	.07424	.00056	.00371
297	2.5	2.8	2.0	.01661	.00103	.00175
298	1.7	4.5	4.0	.02716	-.00033	.00234
299	1.4	6.1	6.0	.04010	-.00178	.00316
300	1.1	7.7	8.0	.05151	-.00331	.00420
301	.8	8.4	8.9	.05831	-.00422	.00466
302	.6	8.7	9.9	.06477	-.00491	.00531
303	2.1	4.4	6.0	.02032	-.00067	.00265
304	1.4	6.3	8.0	.03126	-.00293	.00374
305	1.1	8.9	9.0	.03803	-.00425	.00442
306	.7	7.5	10.0	.04517	-.00566	.00518
307	.4	7.9	11.0	.05175	-.00684	.00590
308	.1	8.5	12.0	.05815	-.00805	.00671
309	-.3	9.1	13.0	.06471	-.00942	.00764
310	1.0	6.0	10.0	.02300	-.00281	.00394
311	.5	7.0	12.0	.03604	-.00707	.00582
312	.1	7.7	13.0	.04451	-.00897	.00682
313	-.4	8.6	14.0	.04900	-.01072	.00778

TABLE VI.- Continued

(f) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
290	42.63	44.86	615	16.67	19.18	9.57	7.25	5.64	1.66	1.87	2.54
				148.45	329.69	76.94	32.99	138.34	39.34	251.32	58.16
291	44.98	42.63	615	16.88	19.33	9.26	6.98	5.47	1.86	1.28	2.24
				146.88	328.99	76.07	36.39	122.69	45.47	278.99	57.32
292	46.94	41.33	615	16.96	19.36	8.78	6.42	5.97	2.82	.44	2.28
				141.38	325.21	78.38	29.88	114.85	53.38	287.89	47.37
293	47.71	41.12	615	17.39	19.46	8.49	6.65	6.81	2.89	.64	2.15
				148.76	326.18	71.78	33.28	112.92	61.33	336.52	61.76
294	48.69	42.26	615	17.59	19.81	8.27	6.89	6.56	2.32	.46	1.98
				137.54	322.87	66.58	24.28	113.31	53.29	8.55	51.64
295	49.57	48.25	615	17.62	19.62	8.88	5.98	6.78	2.28	.88	1.52
				136.74	323.35	78.45	28.13	112.91	66.82	16.78	68.73
296	58.32	41.61	615	17.88	19.89	5.42	7.95	2.96	1.73	2.13	AMP
				137.18	329.71	74.37	33.48	133.33	91.89	59.26	68.94
297	43.28	36.45	615	14.58	18.35	7.63	6.48	4.92	2.26	2.12	1.89
				148.82	331.28	79.52	38.76	182.53	6.13	242.68	53.82
298	45.57	37.28	615	14.33	18.48	7.71	6.81	4.52	2.83	1.61	1.59
				143.66	328.68	75.55	31.76	181.75	18.69	239.63	46.18
299	47.65	38.63	615	15.87	18.79	7.48	7.35	4.45	1.79	1.89	1.78
				144.65	334.63	81.77	43.38	128.26	41.13	276.35	66.25
300	49.72	38.29	616	15.62	18.85	7.22	7.74	4.17	2.86	9.88	1.61
				135.39	319.35	56.28	13.83	93.37	14.71	288.53	9.24
301	58.64	39.71	614	15.94	19.81	7.18	7.94	4.65	2.18	1.89	1.16
				137.34	326.43	67.98	29.57	118.65	33.85	321.98	44.86
302	51.58	39.55	615	16.87	18.98	6.83	7.78	4.28	2.23	1.62	1.88
				133.18	328.86	56.89	17.38	185.77	19.58	316.98	23.44
306	58.84	33.22	615	13.38	16.53	6.58	7.23	3.18	1.62	.62	.71
				139.64	327.39	71.76	24.49	96.11	34.54	288.98	56.85
307	51.88	32.33	615	13.47	16.69	6.25	7.39	3.48	1.52	.32	.62
				138.99	328.74	71.88	28.15	185.21	37.82	287.89	65.15
308	53.83	34.34	615	13.76	17.88	6.88	7.58	3.38	1.55	.21	.58
				134.25	322.94	61.99	17.71	185.36	26.84	292.68	26.88
309	54.27	34.74	615	13.94	16.99	5.65	7.68	3.26	1.88	.33	.81
				128.95	317.53	55.51	6.15	96.98	14.92	288.89	28.92
310	49.15	28.62	615	11.31	13.78	5.11	4.88	2.55	1.68	.78	.11
				147.18	332.65	84.94	31.71	88.68	59.58	198.72	241.48
311	51.62	28.53	615	11.48	14.38	5.34	6.19	2.71	1.78	.83	.21
				137.73	321.56	71.95	11.39	81.98	38.68	152.38	132.37
312	52.88	27.38	615	11.64	14.49	5.28	6.44	2.78	1.73	.68	.17
				137.47	326.25	79.52	22.12	98.88	59.68	169.13	154.19
313	53.94	27.25	615	11.82	14.43	4.59	6.59	2.67	1.47	.45	.85
				132.41	323.86	73.44	17.82	84.36	54.56	127.76	121.44

CHORDWISE 25 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
298	42.12	66.52	615	13.97	28.78	11.97	13.25	9.84	12.48	4.68	.58
				289.73	154.56	292.58	135.82	387.51	175.53	146.27	198.73
291	48.49	78.48	615	18.18	29.87	18.17	13.36	11.86	16.72	7.23	.41
				384.95	162.17	298.88	134.89	294.74	174.91	153.26	197.38
292	39.63	93.56	615	23.24	27.21	23.13	13.88	11.43	28.65	28.65	AMP
				313.48	165.13	282.88	127.32	272.63	163.79	148.27	196.32
293	39.36	188.79	615	29.33	42.73	28.38	14.85	11.65	22.47	18.78	1.21
				323.79	178.42	286.45	122.36	278.87	168.18	147.76	288.98
294	39.45	118.88	615	34.88	47.12	32.94	15.81	18.78	29.19	13.37	1.69
				329.52	171.28	283.11	118.27	269.66	166.31	144.56	215.41
295	38.78	131.76	615	48.79	58.32	35.92	14.73	18.38	31.36	15.88	3.19
				339.54	174.27	284.68	114.67	271.14	169.88	143.64	284.46
296	39.64	148.23	615	45.58	54.89	39.55	14.42	18.68	32.87	17.58	4.38
				347.28	182.76	291.93	128.64	294.88	187.92	163.24	228.12
297	41.98	68.24	615	6.79	24.49	14.78	9.29	9.98	15.66	3.17	.18
				275.29	162.81	285.56	123.95	387.51	281.27	175.34	172.82
298	42.39	71.76	615	8.74	32.92	21.18	8.83	11.29	17.61	4.12	.46
				292.29	169.64	279.32	121.87	279.11	195.59	155.59	239.79
299	43.51	91.58	615	15.78	43.25	27.23	8.72	12.81	16.65	6.83	1.49
				325.56	182.38	295.45	134.77	284.67	281.87	177.48	272.48
300	44.74	116.81	616	27.83	52.38	34.69	11.74	13.97	21.87	8.32	2.49
				336.94	172.58	273.48	96.59	246.15	164.83	131.81	222.26
301	44.74	129.24	614	33.41	56.35	38.68	12.26	12.99	22.69	18.17	3.85
				345.27	184.74	285.28	114.89	268.94	174.43	157.87	257.68
302	44.48	137.91	615	41.23	59.22	41.68	13.16	12.76	26.69	12.39	3.98
				347.88	188.71	276.18	98.36	251.42	161.63	135.11	232.78
306	46.41	188.14	615	22.71	53.96	35.18	8.62	15.87	19.91	6.88	2.46
				352.58	188.87	282.41	181.65	252.14	212.94	164.14	248.24
307	47.69	115.53	615	29.76	58.82	38.59	18.87	15.83	18.85	7.77	2.98
				357.29	193.75	283.71	185.76	258.11	289.62	165.58	252.75
308	48.78	126.26	615	39.81	62.61	43.78	11.85	13.66	28.61	18.46	3.86
				191.88	191.88	276.81	94.32	246.69	187.68	154.19	238.85
309	58.11	137.68	615	49.18	66.95	48.58	12.78	13.16	22.81	11.62	4.94
				188.48	268.58	84.81	231.94	175.23	143.31	222.38	238.85
310	42.54	73.93	615	2.68	44.84	23.76	4.82	11.17	14.95	1.38	.64
				336.82	196.93	298.65	156.36	252.59	237.86	257.36	239.79
311	47.27	91.38	615	17.42	54.84	38.84	6.83	13.76	21.74	4.87	2.23
				5.88	192.61	279.57	184.98	231.54	289.36	165.64	227.96
312	49.84	189.48	615	26.66	59.15	35.82	7.65	15.63	23.64	5.82	2.85
				11.18	288.78	286.48	188.49	241.75	238.38	183.86	257.52
313	51.63	119.35	615	35.85	63.23	39.57	8.19	17.92	21.33	6.81	3.42
				7.42	288.61	282.18	98.96	234.82	222.86	165.88	258.24

TABLE VI.- Continued

(f) Continued

TORSION 28 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
290	5.27	11.24	615	2.85	5.89	2.76	2.86	1.55	1.82	.31	.22 AMP
291	4.33	11.83	615	97.74	288.25	112.82	342.13	125.83	342.67	317.75	37.64 PHASE
292	3.29	12.89	615	3.86	5.48	2.31	2.85	1.53	1.83	.17	.29 AMP
293	2.66	13.46	615	94.88	284.82	117.18	349.49	128.26	335.49	295.19	61.88 PHASE
294	1.96	15.17	615	4.72	5.89	1.83	1.99	1.59	.98	.18	.28 AMP
295	.96	15.21	615	91.12	282.17	128.43	345.79	118.79	321.15	228.27	65.68 PHASE
296	-.17	16.46	615	5.35	6.86	1.57	2.88	1.64	.83	.14	.32 AMP
297	4.51	18.83	615	91.89	284.28	129.28	346.22	189.83	321.28	289.19	89.85 PHASE
298	3.71	12.22	615	6.83	6.48	1.78	2.72	2.19	.72	.35	.44 AMP
299	2.82	13.72	615	85.35	288.23	149.66	341.75	188.43	318.49	176.49	76.16 PHASE
300	1.72	15.89	616	7.89	5.96	1.68	2.95	2.64	.26	.43	.58 AMP
301	1.18	15.93	614	88.82	279.48	176.41	344.81	96.83	336.54	186.66	91.34 PHASE
302	.56	16.78	615	7.89	5.81	.78	3.91	4.86	.76	.78	.96 AMP
303	1.68	14.82	615	76.37	288.76	198.73	7.96	184.58	187.93	167.72	125.88 PHASE
304	1.16	14.59	615	2.88	4.39	1.48	2.45	1.35	.71	.28	.38 AMP
305	.64	16.36	615	123.76	293.76	93.74	336.74	131.81	336.34	211.41	73.12 PHASE
306	.83	17.56	615	3.53	5.16	.96	2.47	1.59	.52	.23	.36 AMP
307	2.22	12.55	615	113.51	296.85	118.62	342.87	124.88	329.78	188.45	68.62 PHASE
308	1.39	15.28	615	4.34	5.92	.71	2.48	1.92	.37	.26	.33 AMP
309	.96	16.54	615	111.35	384.59	139.62	1.68	141.78	327.61	192.18	89.27 PHASE
310	.55	16.83	615	5.47	6.48	.54	2.61	2.42	.17	.26	.53 AMP
311	1.39	15.28	615	98.38	288.92	197.39	347.51	112.39	257.26	161.89	48.18 PHASE
312	.96	16.54	615	5.98	6.78	.86	2.79	2.69	.87	.31	.58 AMP
313	.55	16.83	615	99.23	294.87	221.92	3.61	126.45	178.28	188.42	66.83 PHASE
				6.76	6.78	1.38	3.84	2.98	.43	.41	.59 AMP
				92.68	286.71	232.44	354.11	187.62	131.81	178.17	32.93 PHASE
				4.78	6.46	1.73	2.88	2.12	.26	.49	.43 AMP
				185.44	381.89	237.37	14.58	132.66	193.78	288.86	89.39 PHASE
				5.22	6.61	1.98	2.86	2.29	.32	.51	.42 AMP
				183.41	383.16	244.23	19.64	133.63	188.11	288.14	85.48 PHASE
				5.91	6.78	2.29	3.26	2.81	.56	.61	.51 AMP
				96.32	295.93	239.36	18.17	128.88	155.73	196.68	51.32 PHASE
				6.73	6.88	3.82	3.75	3.15	.94	.68	.68 AMP
				89.33	289.55	237.45	7.15	113.11	142.48	198.55	36.67 PHASE
				4.42	5.79	2.89	2.75	.81	.24	.35	.38 AMP
				138.83	383.18	258.85	26.87	163.22	32.56	245.57	181.65 PHASE
				4.88	5.23	2.82	3.22	1.58	.38	.66	.42 AMP
				112.33	298.36	248.26	7.97	121.88	144.56	288.91	57.57 PHASE
				5.32	6.43	3.32	3.53	2.82	.74	.72	.48 AMP
				189.52	383.84	258.32	25.58	141.53	177.98	233.86	86.79 PHASE
				5.62	6.61	3.68	3.47	2.28	1.88	.59	.48 AMP
				183.81	388.71	246.74	23.59	135.82	174.91	224.77	76.99 PHASE

TABLE VI.- Continued

(f) Continued

FLAPWISE 37 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
298	25.92	47.05	615	22.61	23.37	11.04	5.04	2.51	.63	.73	.81 AMP
291	27.95	47.31	615	144.81	333.67	67.72	24.83	139.22	39.30	289.26	243.74 PHASE
292	29.02	47.11	615	23.14	23.82	11.28	4.42	2.30	.60	.79	.88 AMP
293	30.64	47.65	615	143.17	333.01	67.45	27.83	126.77	44.54	282.83	247.67 PHASE
294	31.62	48.19	615	23.84	24.11	11.26	3.83	2.67	.49	.74	.98 AMP
295	32.43	49.04	615	139.75	329.20	62.61	28.65	116.20	68.24	263.61	233.49 PHASE
296	33.14	49.67	615	24.16	24.46	11.42	3.66	2.71	.46	.72	1.01 AMP
297	27.29	48.05	615	139.51	330.17	65.81	26.71	113.23	83.81	267.65	242.69 PHASE
298	29.55	41.05	615	24.45	25.07	11.88	3.32	3.21	.52	.72	1.08 AMP
299	31.49	44.84	615	136.79	326.40	68.55	17.52	114.46	91.36	257.40	234.31 PHASE
300	33.49	44.68	616	24.77	25.06	12.02	2.98	3.35	.65	.77	.96 AMP
301	34.35	46.31	614	136.71	327.37	64.16	24.05	115.37	124.55	259.00	243.38 PHASE
302	35.20	46.65	615	25.18	25.71	11.70	2.46	4.02	.85	.91	1.01 AMP
303	35.64	38.53	615	130.00	333.24	70.40	23.57	137.44	151.51	275.11	260.88 PHASE
304	36.48	38.66	615	19.71	22.96	9.69	4.53	2.19	.51	.67	.68 AMP
305	37.51	40.35	615	143.42	337.14	74.00	31.87	89.25	335.67	283.37	240.13 PHASE
306	38.67	41.20	615	19.61	23.39	10.43	4.54	2.09	.30	.75	.63 AMP
307	39.50	41.20	615	139.50	334.54	71.23	27.00	85.57	321.92	276.75	225.92 PHASE
308	40.35	41.20	615	20.70	24.12	10.02	4.01	2.00	.20	.77	.59 AMP
309	41.20	41.20	615	140.94	340.60	79.81	42.15	111.69	332.00	305.59	254.04 PHASE
310	42.05	41.20	615	21.52	24.56	11.53	4.86	2.00	.14	.76	.56 AMP
311	42.90	41.20	615	132.93	325.24	56.15	13.42	74.89	258.35	257.55	197.87 PHASE
312	43.75	41.20	615	22.03	24.97	11.96	4.93	2.32	.70	.78	.47 AMP
313	44.60	41.20	615	135.64	332.63	68.38	29.95	103.70	268.65	285.99	238.46 PHASE
314	45.45	41.20	615	22.54	25.04	11.99	4.56	1.99	.33	.81	.47 AMP
315	46.30	41.20	615	132.41	326.42	58.66	18.59	90.11	233.79	263.68	219.98 PHASE
316	47.15	41.20	615	10.03	22.01	11.37	4.41	1.75	.60	.82	.34 AMP
317	48.00	41.20	615	136.86	335.61	71.30	21.87	72.07	240.47	293.37	262.12 PHASE
318	48.85	41.20	615	10.50	22.29	11.51	4.44	1.70	.67	.75	.33 AMP
319	49.70	41.20	615	137.21	337.09	72.49	27.33	83.00	242.36	294.00	271.64 PHASE
320	50.55	41.20	615	19.25	22.76	11.83	4.38	1.57	.70	.75	.27 AMP
321	51.40	41.20	615	134.06	331.41	63.92	18.14	83.30	227.07	276.45	268.65 PHASE
322	52.25	41.20	615	19.50	22.86	12.20	4.36	1.46	.84	.86	.23 AMP
323	53.10	41.20	615	130.62	326.26	58.00	6.06	72.74	219.61	263.25	252.11 PHASE
324	53.95	41.20	615	14.35	10.74	9.13	2.60	1.83	.60	.70	.12 AMP
325	54.80	41.20	615	142.45	343.58	85.23	26.63	77.86	264.63	324.96	340.01 PHASE
326	55.65	41.20	615	15.16	19.89	10.41	3.56	1.80	.88	.69	.24 AMP
327	56.50	41.20	615	136.40	332.98	71.21	8.26	68.00	217.16	289.89	299.65 PHASE
328	57.35	41.20	615	15.64	20.06	10.86	3.59	1.83	1.04	.72	.24 AMP
329	58.20	41.20	615	139.32	333.25	70.67	18.19	75.29	237.56	300.34	341.81 PHASE
330	59.05	41.20	615	15.95	20.00	10.00	1.00	1.00	1.12	.67	.24 AMP
331	59.90	41.20	615	135.85	335.49	75.35	14.83	68.37	226.20	297.83	331.57 PHASE

CHORDWISE 37 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
298	24.41	68.28	615	15.37	17.32	9.48	16.76	15.00	17.77	8.70	2.07 AMP
291	22.69	83.71	615	297.35	151.03	323.57	135.90	297.89	175.69	164.92	235.60 PHASE
292	21.15	99.90	615	10.91	23.92	14.72	17.91	16.90	24.27	12.47	1.07 AMP
293	20.27	113.23	615	309.64	161.82	317.79	133.63	287.80	172.96	167.19	255.77 PHASE
294	19.73	119.92	615	23.22	30.79	19.58	19.76	17.11	30.79	16.49	1.95 AMP
295	18.55	128.57	615	317.14	166.03	310.78	126.27	268.39	162.57	157.85	241.28 PHASE
296	18.74	133.87	615	28.07	35.25	23.17	20.48	17.40	34.31	17.96	2.49 AMP
297	23.01	67.22	615	325.50	171.57	313.16	122.94	273.56	166.79	156.97	239.95 PHASE
298	24.01	71.27	615	31.06	39.20	27.55	21.92	15.95	45.46	22.01	2.76 AMP
299	24.15	86.02	615	330.51	172.46	309.31	119.76	262.95	166.29	152.59	231.82 PHASE
300	24.14	103.78	616	37.40	42.82	30.54	21.99	14.91	49.47	23.31	3.90 AMP
301	23.03	114.79	614	339.32	176.05	310.40	116.97	263.11	170.70	151.00	223.43 PHASE
302	23.06	126.47	615	41.00	47.26	34.34	21.35	15.46	52.04	27.24	5.07 AMP
303	25.94	89.93	615	346.95	184.92	316.73	125.10	203.10	189.72	171.02	231.41 PHASE
304	26.42	98.76	615	8.64	10.76	9.41	11.75	15.14	24.49	6.65	.65 AMP
305	26.72	115.40	615	290.12	150.40	309.67	125.93	303.76	201.62	200.22	209.14 PHASE
306	27.32	122.01	615	10.24	24.90	13.65	11.92	16.52	26.87	6.55	.70 AMP
307	27.32	122.01	615	299.80	167.42	302.10	122.79	279.09	196.07	189.85	243.40 PHASE
308	27.32	122.01	615	15.72	33.33	20.00	13.23	18.51	25.62	9.32	.94 AMP
309	27.32	122.01	615	325.51	182.42	319.60	135.84	286.38	202.52	200.42	290.85 PHASE
310	27.32	122.01	615	24.30	41.26	26.23	17.47	19.66	32.00	12.30	1.90 AMP
311	27.32	122.01	615	334.72	173.07	298.50	100.55	247.46	165.67	146.24	234.37 PHASE
312	27.32	122.01	615	29.04	45.03	29.59	10.44	10.01	35.90	14.66	2.33 AMP
313	27.32	122.01	615	343.10	186.07	310.02	118.27	267.89	184.81	160.35	200.24 PHASE
314	27.32	122.01	615	35.30	48.22	32.39	19.69	17.41	42.40	17.44	3.36 AMP
315	27.32	122.01	615	345.36	182.34	301.59	102.05	249.20	163.65	143.16	247.53 PHASE
316	27.32	122.01	615	10.94	41.67	24.55	12.56	19.21	32.47	8.29	1.15 AMP
317	27.32	122.01	615	340.72	190.50	305.00	109.02	253.56	213.63	187.19	257.65 PHASE
318	27.32	122.01	615	24.22	45.57	27.43	14.59	10.95	31.31	10.63	1.31 AMP
319	27.32	122.01	615	353.56	195.40	306.60	112.32	250.25	210.65	179.30	204.65 PHASE
320	27.32	122.01	615	31.21	49.00	31.76	17.20	17.10	34.76	14.93	2.20 AMP
321	27.32	122.01	615	356.60	192.69	299.02	100.50	245.34	189.90	163.95	260.89 PHASE
322	27.32	122.01	615	30.85	54.24	35.78	18.54	16.14	37.16	16.58	3.29 AMP
323	27.32	122.01	615	357.32	190.06	291.60	90.84	228.76	170.04	153.24	237.37 PHASE
324	27.32	122.01	615	3.03	32.74	15.26	7.63	13.25	24.93	5.22	1.06 AMP
325	27.32	122.01	615	342.22	199.76	326.95	150.00	254.77	241.69	209.31	106.50 PHASE
326	27.32	122.01	615	13.14	41.03	20.30	8.92	16.00	36.24	4.77	.82 AMP
327	27.32	122.01	615	1.46	195.25	304.73	112.02	220.53	210.40	200.75	300.39 PHASE
328	27.32	122.01	615	19.72	45.96	24.25	10.82	10.04	39.00	7.19	1.16 AMP
329	27.32	122.01	615	7.86	203.04	309.96	114.74	237.71	231.02	200.44	309.74 PHASE
330	27.32	122.01	615	25.83	49.79	27.59	11.60	20.72	36.72	8.61	1.94 AMP
331	27.32	122.01	615	5.12	202.94	304.74	105.37	230.41	222.53	174.50	294.33 PHASE



TABLE VI.- Continued

(f) Continued

TORSION 36 PERCENT RADIUS											
RUN NO		36									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
290	3.84	8.72	615	2.58	3.47	2.37	1.48	.96	.74	.39	.11
291	2.92	9.87	615	51.81	257.45	186.88	382.11	78.62	298.95	385.91	319.88
292	1.94	9.84	615	3.42	3.61	2.18	1.52	.93	.79	.27	.14
293	1.37	18.39	615	56.48	265.49	115.83	311.43	72.84	282.78	328.84	355.46
294	.75	11.71	615	4.12	3.82	1.91	1.54	.96	.82	.19	.11
295	-.19	12.83	615	56.35	264.82	125.81	388.63	63.16	268.84	338.53	4.55
296	-1.25	12.44	615	4.61	3.87	1.84	1.59	1.82	.73	.15	.13
297	3.83	6.68	615	58.22	267.91	136.38	388.96	61.93	267.26	3.77	.16
298	2.27	7.48	615	5.24	4.88	2.29	2.24	1.45	.78	.22	.16
299	1.48	8.64	615	54.66	264.76	146.68	388.14	63.95	262.28	56.23	28.58
300	.37	9.88	616	6.29	3.53	2.53	2.55	1.91	.34	.26	.19
301	-.13	18.83	614	52.11	264.52	165.94	312.59	51.58	269.33	96.35	32.68
302	-.76	11.52	615	7.19	3.21	1.97	3.44	3.16	.48	.59	.48
306	.18	9.83	615	49.28	277.51	182.81	337.88	61.63	59.26	185.24	69.48
307	-.27	18.49	615	2.81	2.74	1.19	1.95	.72	.46	.85	.23
308	-.76	11.39	615	78.49	275.25	181.69	296.79	92.89	279.72	261.56	19.43
309	-1.38	12.16	615	2.74	3.36	1.81	1.98	.91	.33	.85	.28
310	.79	8.28	615	69.15	288.82	128.96	382.56	82.71	268.16	8.74	21.51
311	-.81	9.92	615	3.52	3.91	1.87	1.82	1.22	.38	.12	.15
312	-.44	11.89	615	71.62	289.77	158.18	321.75	98.61	258.27	57.28	44.33
313	-.84	11.26	615	4.59	4.28	1.35	2.18	1.71	.28	.12	.26
				64.48	275.48	169.28	318.44	78.28	187.85	21.19	348.66
				5.85	4.48	1.66	2.47	2.31	.48	.19	.23
				67.24	281.71	187.25	326.94	82.84	187.87	59.82	18.68
				5.84	4.39	1.99	2.85	1.45	.29	.19	.28
				62.97	273.39	189.13	318.34	63.98	127.36	78.38	334.48
				4.14	4.53	2.83	2.42	2.18	.49	.27	.19
				68.81	289.88	283.98	342.16	92.15	157.19	175.96	33.99
				4.59	4.68	2.58	337.71	78.18	138.55	152.98	.36
				69.25	298.78	288.98	347.28	1.62	.32	.28	.25
				5.29	4.68	2.58	337.71	78.18	138.55	152.98	.36
				65.21	283.32	283.78	337.71	78.18	138.55	152.98	.36
				6.12	4.71	3.18	2.86	2.41	.88	.21	.18
				61.42	276.82	282.54	335.51	78.45	112.72	168.59	346.38
				3.13	4.18	2.15	2.85	.42	.18	.21	.18
				92.84	297.57	223.53	352.53	131.78	331.71	219.26	42.83
				3.91	4.53	2.78	2.32	1.86	.38	.43	.25
				77.86	287.73	287.94	335.85	79.86	114.34	172.66	352.49
				4.47	4.68	3.19	2.58	1.48	.59	.48	.38
				76.76	293.11	218.68	354.48	181.95	141.56	196.46	23.74
				4.85	4.79	3.46	2.56	1.54	.78	.48	.31
				73.16	289.35	215.89	353.58	95.18	138.36	198.39	19.51

TABLE VI.- Continued

(f) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO		36									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
298	12.82	55.28	615	26.39	27.97	13.96	.99	2.49	1.72	1.48	2.95 AMP
291	15.89	54.87	615	148.51	334.16	53.76	11.54	296.48	211.98	69.54	231.55 PHASE
292	17.88	55.63	615	138.83	333.86	54.92	355.84	291.19	211.32	87.83	231.12 PHASE
293	17.99	57.79	615	28.29	29.16	15.89	.94	2.23	1.24	.35	2.41 AMP
294	18.91	58.44	615	135.82	333.43	51.38	335.32	281.21	288.96	112.88	228.88 PHASE
295	19.64	59.93	615	28.92	29.71	15.49	.94	2.38	1.23	.53	2.26 AMP
296	28.25	68.81	615	135.68	331.48	54.15	335.89	288.43	216.61	166.48	233.62 PHASE
297	14.57	51.85	615	29.28	38.57	16.33	.92	2.36	1.17	.34	2.88 AMP
298	17.81	58.74	615	133.21	327.83	49.97	315.17	278.38	211.15	288.52	223.81 PHASE
299	19.86	53.12	615	29.62	38.55	16.66	.87	2.51	.98	.71	1.51 AMP
300	21.25	55.85	615	133.13	328.75	53.47	386.62	274.95	223.51	284.78	233.86 PHASE
301	22.14	57.83	614	38.83	31.53	16.41	1.47	3.21	1.45	1.77	2.24 AMP
302	22.89	59.27	615	134.48	334.52	68.68	288.58	287.85	255.75	243.64	243.86 PHASE
303	24.14	48.39	615	23.76	28.17	12.24	1.18	2.31	1.83	1.89	1.97 AMP
304	25.85	58.17	615	137.41	338.54	68.81	33.24	381.79	186.83	56.78	227.38 PHASE
305	26.84	51.94	615	24.82	28.88	13.59	.92	1.98	1.48	1.43	1.59 AMP
306	27.27	54.47	615	134.28	335.81	59.41	9.91	381.23	185.22	58.85	222.98 PHASE
307	27.91	44.99	615	25.45	29.96	14.35	.98	1.87	1.23	.86	1.75 AMP
308	29.15	44.99	615	136.89	342.84	69.93	16.87	321.28	214.39	82.84	244.98 PHASE
309	30.85	48.39	615	26.58	38.51	16.81	1.15	1.69	1.28	1.68	1.68 AMP
310	31.16	43.97	615	128.41	326.46	49.18	329.54	285.67	189.89	187.81	188.28 PHASE
311	31.26	43.97	615	27.22	31.83	16.78	1.15	1.78	1.49	.83	1.25 AMP
312	31.26	43.97	615	131.43	333.79	62.18	339.93	388.46	287.54	149.15	219.78 PHASE
313	31.26	43.97	615	27.96	31.29	17.88	1.86	1.64	1.45	1.35	1.89 AMP
314	31.26	43.97	615	128.41	327.48	53.69	319.23	283.88	196.62	141.88	197.95 PHASE
315	31.26	43.97	615	22.61	27.41	15.82	1.16	1.49	1.38	.57	.81 AMP
316	31.26	43.97	615	131.52	335.45	64.74	313.63	388.84	217.28	8.84	224.77 PHASE
317	31.26	43.97	615	23.35	27.76	16.38	1.14	1.45	1.31	.31	.73 AMP
318	31.26	43.97	615	131.96	336.81	67.35	315.68	389.16	219.38	352.42	231.78 PHASE
319	31.26	43.97	615	24.33	28.42	17.99	1.86	1.54	1.46	.85	.76 AMP
320	31.26	43.97	615	129.31	331.52	59.94	298.31	299.57	211.11	187.47	281.78 PHASE
321	31.26	43.97	615	24.91	28.72	18.22	1.22	1.45	1.61	.13	.94 AMP
322	31.26	43.97	615	126.19	326.33	54.63	285.83	292.42	284.96	145.81	194.84 PHASE
323	31.26	43.97	615	17.52	23.47	12.38	1.85	.77	1.35	.76	.87 AMP
324	31.26	43.97	615	136.25	343.47	77.15	283.29	343.25	231.42	3.44	138.91 PHASE
325	31.26	43.97	615	19.17	24.66	14.48	1.82	1.82	1.33	.84	.82 AMP
326	31.26	43.97	615	138.51	333.27	64.69	278.93	312.48	285.64	321.79	338.59 PHASE
327	31.26	43.97	615	19.91	24.86	15.48	1.85	.73	1.42	.86	.86 AMP
328	31.26	43.97	615	133.81	338.46	73.67	278.98	338.74	231.28	335.38	287.84 PHASE
329	31.26	43.97	615	28.43	24.78	15.77	1.19	1.12	1.28	.63	.15 AMP
330	31.26	43.97	615	131.15	335.68	78.26	273.45	322.23	225.88	381.94	181.86 PHASE

CHORDWISE 51 PERCENT RADIUS											
RUN NO		36									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
298	38.16	66.85	615	14.46	12.58	8.24	17.28	17.82	28.18	12.38	2.83 AMP
291	36.43	79.38	615	383.64	153.93	358.72	139.62	294.79	188.48	172.86	241.82 PHASE
292	34.98	89.28	615	17.67	17.89	12.43	18.69	28.16	27.48	17.81	17.81 AMP
293	33.78	104.28	615	314.88	166.71	345.25	135.71	283.98	175.86	174.78	267.89 PHASE
294	32.57	115.78	615	21.56	23.66	17.82	28.69	28.92	35.23	22.11	2.71 AMP
295	38.93	121.73	615	321.16	171.34	333.95	126.47	263.86	166.62	165.69	266.46 PHASE
296	38.78	133.38	615	25.45	27.53	28.37	21.57	21.18	29.38	23.97	2.95 AMP
297	37.59	72.37	615	328.68	176.85	334.19	122.68	267.59	178.31	166.26	265.38 PHASE
298	37.54	74.61	615	28.61	38.94	24.88	22.94	28.88	52.98	28.93	2.68 AMP
299	37.44	89.89	615	333.38	177.31	328.88	119.63	254.42	178.81	162.19	256.23 PHASE
300	36.87	181.59	616	33.77	34.86	28.15	23.46	19.41	57.46	29.78	3.29 AMP
301	36.33	114.12	614	341.87	188.89	326.91	115.72	252.23	174.53	161.83	245.58 PHASE
302	35.59	122.53	615	36.85	39.95	32.63	22.82	28.54	68.48	34.53	4.39 AMP
303	39.69	86.64	615	349.92	188.74	331.17	122.95	278.96	193.63	181.99	242.77 PHASE
304	39.98	97.13	615	8.42	13.81	6.49	12.16	18.49	29.78	9.83	.87 AMP
305	39.88	112.87	615	382.92	162.83	352.64	129.35	382.53	285.56	215.73	193.73 PHASE
306	48.16	118.88	615	9.91	19.85	18.19	12.35	19.97	32.59	9.43	4.88 AMP
307	39.85	71.87	615	389.73	172.74	335.85	124.94	278.71	288.26	281.36	262.84 PHASE
308	38.05	89.84	615	14.74	26.89	16.92	14.85	22.89	38.79	12.89	.96 AMP
309	41.42	89.84	615	329.89	187.99	344.73	135.73	285.93	287.51	218.34	349.17 PHASE
310	42.67	181.45	615	21.99	32.88	23.18	18.82	23.51	39.22	16.68	1.55 AMP
311	43.26	187.59	615	336.95	178.76	321.64	99.83	244.83	178.31	156.18	282.81 PHASE
312	43.26	187.59	615	25.68	36.28	26.33	28.11	21.68	42.67	19.31	2.28 AMP
313	43.26	187.59	615	344.97	191.61	331.65	117.17	263.43	189.88	178.67	332.53 PHASE
314	43.26	187.59	615	38.91	39.28	29.76	21.65	21.89	58.28	22.57	2.65 AMP
315	43.26	187.59	615	346.61	187.84	322.28	182.86	242.83	167.75	153.81	292.89 PHASE
316	43.26	187.59	615	17.87	34.42	21.15	13.89	22.44	48.43	18.44	.46 AMP
317	43.26	187.59	615	358.88	196.88	338.85	189.68	253.39	217.59	199.52	1.38 PHASE
318	43.26	187.59	615	21.36	37.82	23.97	16.28	22.85	38.78	13.19	1.34 AMP
319	43.26	187.59	615	354.25	288.61	338.36	112.88	256.95	215.81	189.37	7.74 PHASE
320	43.26	187.59	615	27.12	41.68	28.38	19.41	28.28	42.69	18.88	1.61 AMP
321	43.26	187.59	615	356.62	197.56	321.27	181.69	241.99	194.24	172.34	318.89 PHASE
322	43.26	187.59	615	33.44	45.83	32.14	21.82	19.45	45.58	28.42	2.13 AMP
323	43.26	187.59	615	356.39	194.78	313.18	92.87	223.73	182.71	162.86	273.56 PHASE
324	43.26	187.59	615	3.58	27.73	14.38	8.75	15.17	31.78	8.18	2.18 AMP
325	43.26	187.59	615	354.88	286.38	358.74	158.96	257.11	245.63	387.83	94.24 PHASE
326	43.26	187.59	615	11.88	35.79	18.36	18.18	18.29	45.63	6.41	1.77 AMP
327	43.26	187.59	615	3.24	281.84	333.86	114.87	229.32	213.79	228.24	16.98 PHASE
328	43.26	187.59	615	17.18	39.42	21.57	12.23	28.78	58.17	8.52	1.78 AMP
329	43.26	187.59	615	8.14	288.48	336.18	117.92	237.48	234.58	214.69	37.48 PHASE
330	43.26	187.59	615	21.98	43.86	24.73	13.32	23.88	46.58	9.79	1.92 AMP
331	43.26	187.59	615	5.38	287.88	328.67	189.88	229.58	226.12	184.38	356.78 PHASE

TABLE VI.- Continued

(f) Continued

TORSION 5% PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
290	.58	6.76	615	2.29	2.58	1.73	.87	.41	.42	.61	.89
				64.50	276.16	121.64	331.02	83.33	307.04	356.18	269.95
291	-1.15	6.65	615	2.95	2.66	1.59	.91	.46	.51	.56	.86
				66.33	285.25	129.22	338.51	64.36	292.80	6.63	233.94
292	-.85	7.36	615	3.48	2.83	1.58	.93	.57	.62	.58	.15
				64.52	285.54	137.06	333.93	52.75	280.23	4.31	288.81
293	-1.26	7.82	615	3.84	2.87	1.49	.96	.68	.58	.48	.22
				65.18	289.36	147.18	334.26	52.68	276.28	15.68	198.58
294	-1.69	8.82	615	4.26	3.01	1.83	1.44	.97	.58	.44	.23
				68.91	286.54	155.71	334.61	63.33	272.55	28.07	285.95
295	-2.37	8.94	615	4.86	2.65	2.07	1.64	1.48	.26	.26	.23
				58.51	291.63	171.87	336.04	55.14	278.55	52.34	233.55
296	-3.17	9.45	615	5.37	2.68	1.75	2.32	2.51	.37	.41	.16
				54.34	309.93	179.11	3.97	74.17	128.28	115.48	183.19
297	-.88	5.82	615	2.86	2.88	.99	1.22	.24	.22	.38	.81
				75.35	297.38	114.69	328.99	188.43	286.49	7.26	8.74
298	-.58	5.76	615	2.66	2.57	.87	1.16	.41	.16	.31	.84
				73.88	299.65	133.38	327.52	84.76	266.75	7.78	162.63
299	-1.21	6.66	615	3.24	2.99	.98	1.11	.67	.24	.34	.87
				74.71	307.44	154.52	345.75	182.04	256.76	36.45	287.88
300	-1.97	7.51	616	3.96	3.28	1.03	1.22	1.02	.34	.35	.83
				67.87	294.06	162.26	337.06	79.21	199.74	358.61	76.56
301	-2.33	8.22	614	4.25	3.36	1.22	1.38	1.31	.33	.39	.85
				78.79	301.49	182.14	353.22	91.66	212.46	48.57	283.97
302	-2.94	8.68	615	4.72	3.36	1.47	1.65	1.66	.46	.29	.15
				67.83	295.34	185.29	344.55	75.01	167.37	27.47	293.83
306	-2.38	7.75	615	3.82	3.56	1.29	1.27	.98	.32	.15	.88
				78.68	305.94	284.59	188.89	97.18	178.58	313.64	44.72
307	-2.65	8.15	615	4.12	3.66	1.38	1.27	1.09	.33	.18	.86
				71.47	308.87	289.54	14.83	97.49	173.57	335.62	355.96
308	-3.88	8.83	615	4.54	3.79	1.58	1.55	1.53	.49	.84	.11
				68.89	302.13	284.17	4.85	87.67	154.98	263.63	326.44
309	-3.41	9.56	615	5.03	3.89	1.95	1.98	1.78	.73	.16	.15
				65.45	297.23	284.27	1.38	81.86	138.41	251.33	339.87
310	-1.92	6.79	615	2.97	3.27	1.48	1.32	.86	.17	.18	.17
				85.28	316.24	226.43	15.29	68.81	18.74	317.69	45.98
311	-2.51	7.85	615	3.61	3.61	1.77	1.44	.69	.38	.31	.23
				74.14	305.44	212.36	1.03	76.39	134.62	237.89	348.38
312	-2.84	8.78	615	4.04	3.78	1.98	1.64	.92	.53	.37	.26
				75.81	318.64	224.88	21.14	185.17	161.17	257.96	24.72
313	-3.13	9.23	615	4.33	3.92	2.14	1.68	1.87	.69	.35	.26
				72.32	307.24	221.61	21.89	98.33	157.55	259.59	21.39

TABLE VI.- Continued

(f) Continued

FLAPWISE 77 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
290	-5.13	48.39	615	24.68	24.63	13.32	4.97	4.44	2.27	2.89	3.17 AMP
291	-2.68	48.69	615	141.86	331.23	31.26	227.86	296.99	31.97	384.95	33.12 PHASE
292	-2.25	50.68	615	25.18	25.67	13.52	4.49	4.84	1.71	1.99	3.03 AMP
293	.77	52.25	615	143.88	332.25	38.14	233.77	287.97	21.38	328.27	31.75 PHASE
294	1.84	53.34	615	25.95	26.48	13.78	3.87	5.67	1.48	1.78	2.85 AMP
295	3.86	54.59	615	142.81	338.11	25.58	228.73	279.15	353.67	326.19	19.45 PHASE
296	3.69	54.83	615	26.35	27.38	14.13	4.88	5.89	1.31	1.43	2.53 AMP
297	-2.95	47.76	615	143.84	331.49	26.98	234.26	279.26	351.75	338.14	31.48 PHASE
298	-6.62	48.56	615	26.96	28.22	14.57	3.74	6.67	1.31	1.43	2.56 AMP
299	1.48	50.93	615	142.13	329.12	22.14	227.72	278.99	330.92	333.81	28.95 PHASE
300	4.26	51.62	616	27.28	28.31	14.68	3.54	7.38	1.59	1.62	1.69 AMP
301	5.27	52.63	614	143.38	338.64	25.49	248.66	282.92	319.82	341.98	26.36 PHASE
302	6.33	54.46	615	27.42	29.63	14.98	3.48	8.58	1.76	2.26	2.67 AMP
303	7.86	48.65	615	145.91	337.14	38.82	268.18	384.86	345.63	34.91	46.23 PHASE
304	8.27	49.98	615	23.45	24.46	18.25	5.75	4.57	1.73	2.11	1.69 AMP
305	9.58	50.68	615	139.18	335.81	33.78	218.38	256.58	13.55	259.37	32.38 PHASE
306	11.88	53.11	615	23.54	25.25	18.68	5.69	5.82	1.14	1.62	1.46 AMP
307	7.27	42.58	615	139.88	334.11	32.63	214.86	256.61	5.68	247.33	38.65 PHASE
308	9.88	46.17	615	24.98	26.58	18.81	5.81	5.24	.94	1.12	1.77 AMP
309	11.18	46.49	615	143.28	342.83	42.15	229.69	283.15	15.29	281.31	51.67 PHASE
310	12.61	46.69	615	25.81	27.18	12.23	5.15	5.51	1.83	1.17	1.73 AMP
311				137.23	327.78	23.91	285.87	253.68	337.77	284.92	353.28 PHASE
312				26.31	27.98	12.33	5.27	6.88	1.86	1.12	1.32 AMP
313				141.42	335.55	36.89	221.29	279.18	.41	328.82	23.76 PHASE
				26.97	28.22	12.81	4.95	6.85	1.14	1.73	1.17 AMP
				139.62	329.61	27.65	214.18	267.18	348.31	313.64	352.41 PHASE
				23.32	24.38	11.85	4.88	5.86	.96	.77	.77 AMP
				139.95	337.82	44.35	284.93	258.61	44.88	178.83	48.83 PHASE
				23.75	24.83	11.48	4.64	5.26	.98	.55	.66 AMP
				141.86	339.54	47.75	218.27	261.94	43.56	156.28	43.64 PHASE
				24.69	25.59	12.38	4.36	5.83	1.25	.22	.75 AMP
				139.47	335.89	41.83	281.88	258.64	32.82	94.78	8.77 PHASE
				25.87	26.87	13.82	4.86	5.62	1.41	.28	.91 AMP
				137.72	338.26	36.48	198.22	251.24	26.72	46.87	.88 PHASE
				19.44	28.58	7.79	3.77	5.88	1.84	.95	1.88 AMP
				141.81	346.82	61.68	211.68	254.14	47.54	178.21	293.88 PHASE
				28.71	21.88	9.57	4.18	5.24	1.18	1.09	.13 AMP
				137.93	337.34	49.37	187.93	243.88	18.74	138.22	212.74 PHASE
				21.34	22.17	18.45	4.13	5.34	1.32	1.84	.13 AMP
				141.52	343.38	58.25	197.49	254.62	73.26	157.37	266.19 PHASE
				21.62	22.85	18.93	4.83	5.38	1.31	.91	.13 AMP
				148.44	348.77	56.18	194.84	248.13	56.81	126.43	284.73 PHASE

CHORDWISE 77 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
290	58.13	43.24	615	18.57	14.32	12.82	7.52	18.61	6.57	4.68	1.23 AMP
291	52.87	43.77	615	141.98	325.32	31.11	165.93	289.43	169.73	181.44	23.46 PHASE
292	54.89	58.84	615	13.79	13.87	12.87	7.51	11.92	9.58	8.78	1.78 AMP
293	55.11	59.81	615	148.38	328.91	24.68	159.26	278.81	178.81	176.66	18.19 PHASE
294	55.91	66.58	615	9.81	12.98	14.29	8.17	12.88	12.57	8.32	2.17 AMP
295	56.64	69.38	615	134.74	313.11	14.64	144.49	261.41	162.98	163.63	351.82 PHASE
296	57.54	75.85	615	8.34	12.86	15.29	8.88	13.37	14.48	8.95	1.82 AMP
297	58.34	43.61	615	138.12	318.27	13.87	141.87	263.14	166.49	163.67	1.29 PHASE
298	58.99	43.32	615	8.88	12.97	16.77	8.77	13.33	28.24	11.84	1.87 AMP
299	59.13	45.93	615	124.55	384.72	5.43	136.83	254.57	167.49	168.34	354.81 PHASE
300	56.18	55.75	616	7.45	12.37	17.17	8.14	13.46	22.25	18.88	1.69 AMP
301	57.38	63.46	614	113.93	381.63	5.67	131.78	255.55	172.78	161.22	352.84 PHASE
302	58.49	64.81	615	7.47	12.62	18.11	7.22	14.36	23.62	12.43	1.69 AMP
303	57.48	48.34	615	187.36	382.85	7.44	136.48	275.68	191.97	177.58	22.11 PHASE
304	58.99	53.28	615	11.29	13.69	9.84	5.91	18.54	18.97	5.67	1.88 AMP
305	68.13	57.32	615	136.83	329.81	34.12	171.38	282.82	281.88	221.88	64.42 PHASE
306	61.68	63.86	615	18.76	13.13	18.94	6.83	11.73	12.49	5.14	1.17 AMP
307	57.56	48.54	615	134.49	322.14	25.48	165.84	266.83	196.28	287.87	44.54 PHASE
308	59.89	44.16	615	18.26	12.85	12.81	6.64	12.75	11.89	5.99	1.81 AMP
309	59.98	50.24	615	133.59	322.74	27.66	172.22	278.87	284.34	213.17	58.99 PHASE
310	61.47	51.38	615	9.88	12.59	15.55	7.35	13.55	15.38	6.68	1.94 AMP
311				116.42	299.38	3.76	126.85	238.93	167.85	157.18	346.61 PHASE
312				8.86	13.17	16.42	8.81	13.88	16.83	7.57	2.89 AMP
313				115.51	383.38	13.15	141.18	259.16	185.88	178.88	16.71 PHASE
				8.36	13.41	17.72	8.89	12.65	28.87	8.24	2.11 AMP
				186.85	293.62	2.43	122.72	248.89	163.58	153.83	348.78 PHASE
				9.11	11.58	14.81	6.89	12.73	16.26	4.72	1.37 AMP
				117.88	299.65	19.59	141.97	244.99	212.86	195.26	47.87 PHASE
				8.61	12.18	14.83	6.88	12.64	15.61	5.59	1.68 AMP
				112.37	297.22	19.55	139.28	258.12	218.29	183.35	42.67 PHASE
				8.59	12.75	16.41	7.82	11.68	17.86	7.45	1.75 AMP
				182.45	289.38	9.41	121.88	237.11	189.81	166.36	11.84 PHASE
				8.38	13.41	17.68	8.61	11.15	18.39	7.98	1.83 AMP
				88.87	288.69	1.22	184.35	220.59	177.41	155.22	358.81 PHASE
				9.99	18.88	18.82	5.28	9.78	12.86	3.46	1.26 AMP
				132.13	387.18	48.78	179.83	258.76	243.85	296.61	86.28 PHASE
				9.32	11.82	12.68	5.54	18.91	18.84	2.93	1.34 AMP
				11.82	288.85	22.84	143.15	226.68	289.85	214.14	31.95 PHASE
				8.88	11.46	13.73	6.81	11.92	20.43	3.52	1.44 AMP
				113.76	298.81	27.43	144.58	234.85	238.87	283.74	58.88 PHASE
				8.32	12.85	14.29	6.21	13.11	18.92	3.88	1.48 AMP
				185.24	282.46	28.28	134.77	226.47	221.68	174.34	31.18 PHASE

TABLE VI.- Continued

(f) Concluded

TORSION 75 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
298	-2.76	3.46	615	2.15 136.22	.47 215.79	.59 179.43	.45 69.45	.28 19.92	.34 283.64	.38 34.88	.14 98.28
291	-3.86	4.81	615	2.41 124.49	.37 241.44	.54 186.98	.49 67.94	.36 11.94	.46 196.18	.59 38.77	.89 133.82
292	-3.37	4.24	615	2.66 114.75	.43 258.42	.58 198.31	.47 68.84	.35 2.55	.49 191.34	.89 15.18	.89 194.84
293	-3.53	4.65	615	2.82 111.73	.47 266.78	.63 194.98	.46 67.84	.48 2.58	.48 184.88	.51 18.37	.13 288.87
294	-3.63	5.24	615	2.92 105.85	.67 265.28	.81 186.39	.54 48.34	.88 11.84	.38 182.59	.56 17.84	.22 235.38
295	-3.81	5.34	615	3.18 103.35	.64 273.44	.98 194.55	.47 48.78	.48 15.18	.48 149.42	.51 22.56	.38 252.52
296	-4.15	5.92	615	3.18 100.67	.74 388.51	.63 181.55	.95 59.26	1.55 46.35	.68 146.17	.38 48.61	.34 277.32
297	-3.84	3.99	615	2.36 137.55	.24 279.48	.42 196.27	.39 33.37	.32 348.36	.32 193.89	.44 37.61	.11 311.48
298	-3.24	4.35	615	2.54 124.63	.51 295.28	.56 284.32	.44 38.98	.44 2.88	.28 174.71	.41 28.78	.11 282.58
299	-3.55	4.78	615	2.74 118.46	.69 388.53	.57 213.32	.47 52.16	.51 38.62	.34 184.86	.45 35.55	.89 297.82
300	-3.92	5.38	616	3.05 105.22	.82 286.15	.77 194.97	.58 36.83	.63 9.85	.45 141.88	.44 352.21	.14 255.88
301	-4.87	5.77	614	3.18 106.24	.88 292.21	.83 286.36	.58 49.25	.84 33.48	.47 162.11	.45 24.47	.19 278.62
302	-4.28	5.84	615	3.39 108.47	.93 285.93	.94 197.86	.66 34.96	.58 28.97	.58 135.95	.39 5.89	.23 258.89
306	-4.12	5.49	615	3.15 107.94	1.28 386.49	.86 218.28	.51 51.23	.64 35.91	.42 137.66	.38 357.66	.32 296.72
307	-4.31	5.61	615	3.33 106.28	1.23 389.88	.86 222.25	.51 55.15	.77 42.23	.44 141.91	.38 5.37	.48 297.38
308	-4.46	6.81	615	3.54 100.16	1.32 381.68	1.12 213.28	.57 39.61	.99 38.75	.53 127.82	.26 353.27	.34 273.38
309	-4.63	6.42	615	3.79 95.86	1.48 297.81	1.28 287.29	.68 38.13	1.12 32.65	.64 112.57	.21 326.81	.32 267.85
310	-4.82	5.18	615	3.82 121.89	1.27 326.81	1.05 233.87	.42 39.76	.25 14.74	.86 183.82	.26 345.67	.33 333.19
311	-4.26	5.69	615	3.28 107.81	1.48 318.68	1.25 217.24	.42 31.98	.63 28.61	.33 118.41	.19 285.51	.48 286.58
312	-4.41	6.88	615	3.48 105.27	1.59 314.82	1.59 225.87	.51 49.49	.48 53.45	.48 136.91	.19 296.83	.49 313.68
313	-4.54	6.13	615	3.63 108.68	1.69 311.28	1.44 221.24	.89 54.87	.55 48.87	.24 138.26	.44 285.89	.44 386.13

PITCH LINK											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
298	-2.76	14.55	615	4.83 298.88	5.73 96.41	3.86 253.51	2.87 161.37	1.57 299.79	.79 158.88	.23 77.86	.31 218.43
291	-2.31	15.55	615	4.89 283.87	6.49 181.41	2.44 252.37	1.86 171.69	1.82 293.87	.89 146.83	.38 65.85	.43 231.53
292	-1.57	16.81	615	5.79 277.17	6.98 98.11	1.98 245.24	1.87 171.18	2.88 284.32	.67 136.94	.47 32.88	.64 287.82
293	-1.87	18.28	615	6.53 278.53	7.27 99.85	1.74 241.47	1.83 168.25	2.12 288.59	.68 139.34	.47 29.26	.68 215.28
294	-5.52	28.88	615	7.32 273.62	7.68 96.12	1.89 247.84	2.45 164.88	2.59 278.91	.34 158.58	.71 6.67	.88 288.82
295	.28	18.73	615	8.17 267.68	7.27 95.38	.41 252.29	2.84 163.58	3.23 267.44	.38 383.49	.64 15.89	.18 228.57
296	1.87	28.98	615	8.89 265.18	7.24 183.28	.91 188.84	3.79 182.49	4.58 277.91	.69 384.18	.69 334.59	.17 264.94
297	-1.71	14.42	615	4.39 313.91	5.21 186.97	2.16 228.33	2.83 154.79	1.28 296.18	.78 156.48	.54 3.81	.48 242.43
298	-1.38	15.46	615	4.77 297.88	6.16 189.58	1.53 227.11	2.25 164.28	1.62 291.86	.47 132.18	.57 349.78	.42 197.98
299	-.69	18.44	615	5.68 297.55	6.98 117.84	1.21 229.39	2.42 185.28	2.84 318.18	.35 136.85	.69 28.82	.52 225.16
300	.86	19.89	616	6.91 286.67	7.69 182.77	.98 166.82	2.73 168.22	2.48 277.44	.89 33.88	.65 345.97	.64 178.86
301	.43	21.18	614	7.38 288.81	7.91 189.34	.73 151.25	3.85 182.81	2.89 291.78	.24 314.73	.75 21.42	.88 288.18
302	.76	21.83	615	8.82 282.15	8.14 181.55	1.16 117.88	3.36 171.52	3.25 273.92	.68 387.86	.62 7.76	.82 187.51
305	.46	17.95	615	6.88 298.63	7.16 117.54	.87 113.13	3.81 192.57	2.84 388.34	.89 12.18	.42 23.73	.52 255.94
306	.62	17.95	615	6.39 293.97	7.47 113.92	1.89 99.88	3.83 188.86	2.21 298.23	.45 353.67	.57 8.15	.45 238.66
307	.81	19.16	615	6.78 292.83	7.69 115.63	1.29 98.78	3.15 191.48	2.48 291.81	.65 342.19	.92 18.42	.68 236.64
308	1.84	28.38	615	7.28 286.86	7.96 118.23	1.69 82.46	3.69 182.83	3.88 281.88	.99 324.69	.92 6.74	.75 216.54
309	1.39	22.87	515	8.84 288.38	8.18 184.23	2.45 72.78	4.18 178.37	3.27 273.63	.84 312.81	.84 358.98	.59 283.63
310	.79	16.81	615	6.29 318.13	6.66 117.48	1.81 187.88	2.88 281.97	.89 381.72	.42 256.84	.52 48.69	.42 262.92
311	1.17	18.19	615	6.66 297.78	7.89 188.57	2.33 77.16	3.64 188.88	1.83 275.74	.77 318.79	.66 9.48	.66 226.16
312	1.48	19.65	615	7.84 295.21	7.32 114.88	2.79 83.39	3.95 197.18	2.15 293.41	1.11 339.85	.76 25.97	.68 256.95
313	1.65	21.35	615	7.52 298.57	7.51 112.18	3.18 78.89	3.98 192.13	2.48 288.29	1.33 337.62	.71 18.23	.61 243.18

TABLE VI.- Continued

(g)  $\mu = 0.40$ ;  $M_T = 0.68$ 

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CO/SIGMA
319	1.4	4.4	2.2	.03672	.00249	.00187
320	.9	5.6	4.2	.05008	.00222	.00227
321	.7	6.6	6.1	.06351	.00195	.00290
322	.4	7.8	8.1	.07544	.00141	.00384
323	1.3	4.3	4.2	.02675	.00003	.00267
324	.9	5.4	6.1	.04004	-.00129	.00347
325	.6	6.6	8.2	.05419	-.00284	.00444
326	.2	7.2	9.1	.05942	-.00354	.00502
327	1.1	4.5	6.1	.01782	-.00017	.00282
328	.6	5.6	8.1	.03129	-.00263	.00403
329	.2	6.8	10.2	.04422	-.00509	.00552
330	-.1	7.2	11.2	.05041	-.00627	.00626
331	-.4	7.9	12.1	.05692	-.00779	.00700

AD-A128 588

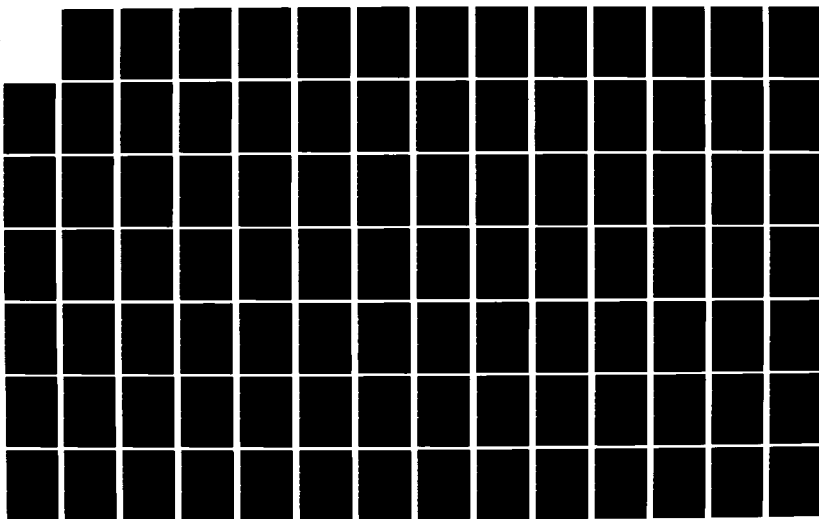
LOADS AND PERFORMANCE DATA FROM A WIND-TUNNEL TEST OF  
MODEL ARTICULATED H. (U) NATIONAL AERONAUTICS AND SPACE  
ADMINISTRATION HAMPTON VA LANG. W T YEAGER ET AL.  
APR 83 NASA-L-15587 NASA-TN-84573

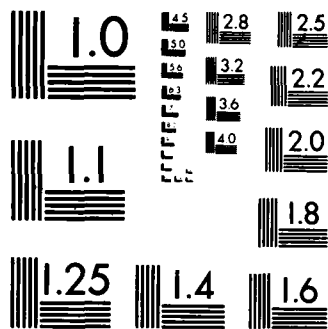
2/4

UNCLASSIFIED

F/G 28/4

NL





MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A



TABLE VI.- Continued

(g) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO 37											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
319	43.91	48.14	642	16.74	16.86	5.39	6.72	3.18	1.23	2.46	2.26 AMP
320	45.91	39.49	642	145.37	328.45	57.92	36.12	113.66	65.43	246.99	53.63 PHASE
321	47.78	48.61	642	17.37	17.76	5.48	6.73	2.68	1.51	1.98	2.37 AMP
322	49.38	39.54	642	141.62	325.71	55.25	35.28	96.39	68.55	259.25	48.46 PHASE
323	44.73	32.99	642	17.78	18.68	5.47	6.53	3.85	2.11	1.62	2.29 AMP
324	46.65	33.42	642	141.58	329.24	64.85	42.88	118.72	78.36	385.92	55.57 PHASE
325	48.88	34.84	642	137.54	19.28	5.12	5.45	4.51	2.41	1.71	1.97 AMP
326	49.69	35.87	642	14.35	15.79	4.38	5.54	2.56	1.25	2.41	1.36 AMP
327	45.58	24.73	642	146.24	331.53	54.44	36.19	54.93	351.96	268.22	48.16 PHASE
328	47.67	25.41	642	14.96	16.59	4.83	5.86	3.82	1.28	2.48	1.33 AMP
329	49.82	27.61	642	144.88	333.88	54.55	41.11	54.94	1.75	267.24	48.35 PHASE
330	58.92	28.82	642	15.34	17.45	4.28	6.85	2.75	1.47	2.71	1.41 AMP
331	52.83	28.55	642	144.85	338.28	56.61	58.81	78.12	35.25	313.26	72.53 PHASE
				15.63	17.66	3.84	6.85	2.57	1.72	3.81	1.24 AMP
				137.59	327.25	36.59	38.65	54.47	14.87	282.79	35.16 PHASE
				12.36	13.69	3.24	4.43	3.86	1.19	.97	.77 AMP
				151.65	338.84	54.36	58.62	38.52	351.99	281.24	81.62 PHASE
				12.88	14.61	3.38	4.86	3.56	.92	1.84	.92 AMP
				143.59	338.96	55.72	58.89	38.88	4.76	381.57	66.55 PHASE
				13.23	15.47	3.82	5.41	3.16	.84	1.22	.78 AMP
				144.51	337.52	53.46	43.38	29.47	2.83	312.68	72.97 PHASE
				13.55	15.96	2.87	5.63	2.99	.97	1.19	.98 AMP
				141.33	334.94	47.96	38.83	22.69	358.36	314.21	67.59 PHASE
				13.59	16.28	2.86	5.74	2.78	.97	1.17	.81 AMP
				137.17	338.57	42.56	38.88	25.19	358.58	312.16	58.47 PHASE

CHORDWISE 25 PERCENT RADIUS											
RUN NO 37											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
319	57.75	78.88	642	25.51	24.24	18.83	18.83	9.22	18.24	3.15	.62 AMP
320	55.91	91.29	642	288.67	155.55	283.78	83.84	248.74	125.36	85.56	271.18 PHASE
321	53.96	104.76	642	31.68	33.55	16.38	15.28	18.31	23.13	3.39	1.98 AMP
322	53.59	117.32	642	388.95	158.88	287.18	79.73	222.51	117.95	99.38	227.18 PHASE
323	58.79	67.88	642	39.88	48.88	21.28	12.74	12.83	31.59	6.82	1.87 AMP
324	59.88	82.82	642	328.47	171.81	297.15	81.95	226.83	136.14	128.75	228.78 PHASE
325	68.55	96.48	642	51.62	47.57	26.62	11.89	13.44	35.48	9.48	2.37 AMP
326	68.92	109.47	642	335.24	177.28	294.73	68.11	215.89	141.46	117.85	176.63 PHASE
327	58.14	62.72	642	17.49	24.43	18.27	15.88	11.25	16.69	1.93	.58 AMP
328	61.43	71.53	642	287.43	162.84	277.28	76.79	248.56	122.83	353.48	254.25 PHASE
329	64.39	101.17	642	25.14	33.37	14.76	13.52	14.16	18.93	1.47	1.27 AMP
330	65.85	116.68	642	385.23	169.95	298.77	76.54	226.58	121.35	354.85	241.38 PHASE
331	66.73	124.63	642	35.87	41.75	28.82	11.68	14.77	25.84	1.61	1.72 AMP
				329.11	184.85	299.48	82.66	239.37	144.85	93.85	281.56 PHASE
				41.86	46.82	22.88	11.54	15.95	27.38	2.28	1.92 AMP
				326.88	177.94	279.44	58.88	218.31	117.69	78.43	233.37 PHASE
				11.82	25.35	9.96	13.49	11.52	13.12	2.53	.23 AMP
				272.45	183.12	269.68	93.88	255.63	158.92	327.86	246.17 PHASE
				16.77	34.26	13.95	11.49	18.86	15.16	2.25	.95 AMP
				303.86	185.89	284.12	78.73	226.69	148.55	319.65	236.42 PHASE
				23.88	43.88	19.34	13.15	21.36	21.33	.72	1.54 AMP
				323.74	193.88	288.81	64.88	222.13	144.84	17.88	244.25 PHASE
				34.91	43.11	22.78	13.58	21.77	23.27	.72	2.81 AMP
				334.85	193.66	275.64	58.63	217.78	139.32	99.28	236.71 PHASE
				42.64	54.85	26.96	13.36	28.61	24.81	1.68	2.38 AMP
				348.11	193.28	271.89	56.18	288.96	131.89	126.77	228.16 PHASE

TABLE VI.- Continued

(g) Continued

TORSION 20 PERCENT RADIUS											
RUN NO 37											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
319	4.91	10.41	642	3.12	3.88	2.57	1.28	1.82	1.89	.85	.34 AMP
320	3.63	11.03	642	102.12	269.73	57.16	293.65	87.25	292.23	199.77	348.88 PHASE
321	2.89	13.02	642	4.37	4.36	2.16	1.01	1.95	1.13	.87	.34 AMP
322	-1.14	15.68	642	99.51	273.13	48.11	291.52	79.81	270.51	338.29	347.44 PHASE
323	4.10	9.88	642	5.75	4.63	1.55	1.12	2.48	1.13	.23	.44 AMP
324	3.24	10.42	642	96.23	278.22	60.96	280.42	75.54	272.87	87.81	20.35 PHASE
325	1.94	10.67	642	7.72	4.61	1.36	1.39	3.63	.47	.83	.49 AMP
326	1.31	11.73	642	82.71	281.63	9.86	302.88	63.32	256.74	92.36	54.39 PHASE
327	3.92	8.66	642	5.26	3.24	2.12	1.14	1.51	.71	.16	.34 AMP
328	2.93	9.13	642	126.29	293.81	18.18	274.84	109.74	286.68	99.73	338.98 PHASE
329	1.98	10.42	642	4.03	3.83	2.01	.79	1.69	.68	.11	.39 AMP
330	1.39	11.48	642	121.74	299.92	5.72	275.18	110.17	264.44	53.94	347.67 PHASE
331	.79	11.02	642	5.14	4.38	1.90	.68	1.85	.48	.33	.57 AMP
				117.24	300.31	358.88	263.64	107.95	256.44	75.68	22.14 PHASE
				5.69	4.62	2.14	.58	2.85	.43	.48	.61 AMP
				109.88	296.26	333.24	242.26	79.98	198.25	35.29	344.83 PHASE
				3.28	3.54	1.76	.67	1.44	.78	.84	.16 AMP
				139.11	306.56	358.53	288.78	134.82	324.28	139.56	32.27 PHASE
				3.82	4.22	1.88	.11	1.44	.38	.18	.24 AMP
				138.88	309.77	332.44	301.36	126.37	278.67	83.86	21.73 PHASE
				4.42	4.78	2.12	.19	1.85	.35	.31	.45 AMP
				122.88	312.46	310.66	67.61	114.48	253.94	97.24	7.92 PHASE
				4.91	4.98	2.39	.23	2.88	.27	.36	.52 AMP
				119.12	310.92	300.77	61.58	109.19	228.85	90.85	2.44 PHASE
				5.42	5.27	2.58	.35	2.86	.18	.39	.68 AMP
				112.02	307.62	286.84	42.62	99.88	173.59	84.17	356.89 PHASE

TABLE VI.- Continued

(g) Continued

FLAPWISE 37 PERCENT RADIUS											
RUN NO 37											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
319	27.12	42.30	642	22.99	28.79	6.63	4.62	.53	.49	.78	1.86 AMP
				142.50	332.34	48.65	27.57	131.46	66.51	284.80	226.25 PHASE
320	28.77	43.55	642	24.27	22.14	7.11	4.29	.26	.53	.55	1.13 AMP
				139.15	329.23	48.82	28.32	83.55	78.52	265.76	214.69 PHASE
321	30.30	45.29	642	25.24	23.42	7.56	3.95	1.89	.87	.55	1.11 AMP
				139.71	332.36	57.89	36.57	118.49	186.87	272.19	232.90 PHASE
322	31.96	46.19	642	25.90	24.62	7.74	2.77	1.56	1.13	.67	1.10 AMP
				136.94	331.66	58.97	33.76	188.41	122.82	268.36	238.84 PHASE
323	28.88	36.50	642	19.54	19.98	5.83	4.84	1.65	.15	.53	.74 AMP
				148.53	336.78	57.84	31.16	28.67	314.45	268.81	228.21 PHASE
324	30.53	38.41	642	20.72	21.89	5.95	4.87	2.85	.28	.64	.63 AMP
				139.48	337.71	59.65	36.61	19.47	345.86	273.82	228.88 PHASE
325	32.53	40.24	642	21.87	22.17	6.62	4.82	1.69	.29	.55	.59 AMP
				148.31	342.68	66.83	49.38	42.65	75.52	314.85	247.28 PHASE
326	33.31	40.94	642	22.36	22.59	6.59	4.83	1.59	.28	.57	.57 AMP
				134.84	331.68	49.29	29.37	14.68	54.71	279.54	283.54 PHASE
327	30.71	31.54	642	16.38	17.44	5.87	3.88	2.47	.44	.68	.39 AMP
				143.46	346.24	65.48	54.81	16.55	251.14	382.81	249.51 PHASE
328	32.69	33.84	542	17.33	18.82	5.88	3.28	2.82	.37	.66	.40 AMP
				141.73	345.48	67.91	48.78	15.59	233.96	293.41	245.36 PHASE
329	34.58	35.51	642	18.42	20.18	6.28	3.49	2.53	.42	.59	.37 AMP
				138.91	343.68	66.38	41.82	8.26	188.74	291.56	242.85 PHASE
330	35.43	36.18	642	19.81	20.81	6.42	3.62	2.52	.45	.62	.39 AMP
				136.89	348.88	61.98	38.84	359.81	182.31	282.32	234.14 PHASE
331	36.46	36.54	642	19.36	21.24	6.92	3.66	2.25	.52	.58	.37 AMP
				134.28	336.67	57.27	38.56	356.28	165.46	273.32	227.74 PHASE

CHORDWISE 37 PERCENT RADIUS											
RUN NO 37											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
319	38.46	87.86	642	25.12	19.95	9.85	23.88	16.49	27.82	4.48	2.22 AMP
				297.74	156.58	313.88	83.23	252.25	128.95	188.84	288.86 PHASE
320	36.33	104.12	642	30.48	27.43	14.65	22.14	17.18	35.23	5.18	3.12 AMP
				387.76	162.26	315.77	88.98	234.46	115.83	115.84	282.66 PHASE
321	33.61	116.25	642	37.81	33.81	19.97	19.52	19.88	49.64	8.77	3.56 AMP
				323.85	175.29	326.42	86.47	234.81	133.75	125.48	216.66 PHASE
322	31.95	133.65	642	47.23	42.52	25.44	17.64	28.71	55.16	13.35	4.43 AMP
				336.59	181.95	323.57	77.38	223.18	148.56	119.72	288.85 PHASE
323	39.22	77.21	642	17.34	18.78	6.27	19.65	18.84	24.94	2.54	.14 AMP
				296.47	162.46	383.75	76.16	255.95	128.94	328.82	272.88 PHASE
324	39.76	95.37	642	23.65	25.86	11.36	19.19	28.88	28.68	1.91	1.35 AMP
				389.58	171.85	316.34	77.94	239.48	118.58	388.89	226.18 PHASE
325	39.25	111.98	642	31.68	33.58	16.67	17.28	28.78	48.81	1.51	1.78 AMP
				329.69	188.54	329.73	87.49	251.31	141.76	48.41	264.58 PHASE
326	39.85	128.74	642	36.19	37.47	18.68	17.35	22.81	43.31	2.23	2.27 AMP
				327.25	181.86	389.72	64.43	221.22	114.92	47.49	219.35 PHASE
327	38.32	66.83	642	18.31	18.83	3.83	17.84	17.88	28.38	5.38	.43 AMP
				298.39	186.73	298.48	93.55	268.37	152.38	315.86	92.89 PHASE
328	48.63	74.73	642	15.45	25.92	7.92	16.33	23.75	23.87	5.79	.82 AMP
				311.22	189.71	389.76	81.48	237.39	149.45	381.37	281.97 PHASE
329	42.78	182.83	642	24.93	34.87	12.39	18.38	27.19	33.88	2.61	1.34 AMP
				328.59	196.52	386.94	69.33	229.98	141.86	328.45	254.99 PHASE
330	43.38	113.79	642	29.58	38.98	14.96	18.91	27.96	37.73	1.38	1.58 AMP
				333.98	197.49	382.71	65.13	225.63	137.35	388.12	246.78 PHASE
331	43.43	122.83	642	35.85	43.68	18.53	18.67	26.42	41.85	1.88	1.95 AMP
				338.49	196.73	298.86	62.83	216.18	138.15	156.22	227.81 PHASE

TABLE VI.- Continued

(g) Continued

TORSION 36 PERCENT RADIUS											
RUN NO		37									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
319	3.42	7.42	642	2.71	2.58	1.97	1.28	1.29	.83	.15	.28
				54.81	242.48	49.85	258.82	44.92	246.17	321.83	265.16
320	2.24	7.83	642	3.55	2.55	1.46	1.88	1.39	.89	.17	.22
				68.34	258.91	47.37	258.92	41.86	229.49	387.91	282.47
321	.91	8.84	642	4.59	2.58	.81	1.16	1.73	.94	.23	.38
				63.18	268.14	74.88	252.34	35.48	237.28	18.61	315.93
322	-1.83	9.98	642	6.46	2.81	.23	1.39	2.59	.34	.61	.35
				54.88	272.78	217.65	281.48	22.12	259.86	48.28	339.44
323	2.65	5.98	642	2.18	1.88	1.32	1.29	1.88	.48	.18	.21
				76.89	275.75	5.45	235.43	75.72	232.58	352.88	281.84
324	1.72	6.96	642	2.85	2.21	1.14	1.87	1.17	.44	.19	.27
				78.88	285.42	349.89	237.22	76.89	287.95	334.88	293.18
325	.64	7.96	642	3.81	2.57	.88	.92	1.34	.44	.37	.36
				81.41	298.68	326.59	243.88	72.34	289.91	26.29	313.99
326	-.85	8.47	642	4.32	2.72	1.88	.83	1.54	.48	.45	.39
				75.51	287.62	294.48	228.25	43.49	164.31	349.81	274.21
327	2.37	5.44	642	1.92	2.16	.95	.91	1.87	.49	.11	.18
				86.21	295.31	334.56	252.14	184.85	279.51	324.49	323.83
328	1.39	6.87	642	2.62	2.73	1.18	.48	1.86	.23	.15	.16
				84.78	298.23	296.29	243.78	94.88	228.77	323.62	319.99
329	.36	7.29	642	3.32	3.11	1.39	.23	1.36	.23	.19	.27
				81.37	381.38	272.38	242.89	79.48	198.52	11.88	383.41
330	-.17	8.43	642	3.79	3.31	1.63	.21	1.52	.28	.24	.29
				88.38	388.58	263.12	247.95	73.77	177.57	12.32	293.44
331	-.73	8.91	642	4.34	3.53	1.86	.28	1.56	.15	.27	.38
				76.88	297.28	247.82	274.37	62.85	135.81	8.48	289.38

TABLE VI.- Continued

(g) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO 37											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
319	13.92	53.49	642	27.82	25.25	9.36	1.85	2.38	1.47	2.13	2.48 AMP
				137.73	332.82	36.29	24.38	292.26	227.88	76.57	222.88 PHASE
320	15.59	55.86	642	29.65	27.81	18.84	.91	2.22	1.39	1.88	2.34 AMP
				134.64	338.18	36.31	13.98	281.59	223.65	87.18	211.31 PHASE
321	17.88	56.61	642	31.19	28.88	18.92	.96	2.44	1.39	1.59	2.19 AMP
				135.69	333.65	46.85	11.81	283.57	241.69	126.32	226.16 PHASE
322	18.53	58.89	642	31.93	38.62	11.47	.63	2.69	1.32	1.61	1.87 AMP
				133.82	332.68	47.65	314.15	271.45	249.21	142.81	231.79 PHASE
323	16.12	47.66	642	24.28	24.87	8.82	1.12	1.66	1.88	2.86	1.24 AMP
				134.38	337.86	46.88	28.86	384.11	193.14	77.54	226.15 PHASE
324	17.71	58.61	642	26.88	26.59	8.38	1.13	1.63	.92	2.14	1.16 AMP
				133.49	338.53	58.39	31.71	386.79	283.88	85.29	218.87 PHASE
325	19.65	52.95	642	27.82	28.88	9.51	1.85	1.39	.86	2.47	1.31 AMP
				135.24	343.42	68.46	29.98	313.31	225.42	134.68	249.84 PHASE
326	28.48	52.38	642	28.56	28.65	9.82	1.85	1.36	1.88	2.75	1.14 AMP
				129.27	332.44	45.11	6.78	287.33	285.85	185.89	289.47 PHASE
327	18.78	38.47	642	28.22	21.94	7.16	.54	1.38	.99	.67	.61 AMP
				136.65	345.38	57.87	37.53	329.84	213.29	185.11	255.77 PHASE
328	28.62	48.95	642	21.78	23.66	8.38	.57	1.41	.95	.85	.77 AMP
				134.83	344.33	68.96	9.75	326.58	223.85	129.82	241.22 PHASE
329	22.64	43.88	642	23.57	25.23	9.31	.58	1.36	.86	1.17	.73 AMP
				132.48	342.65	62.38	358.25	318.48	219.15	141.56	248.26 PHASE
330	23.48	45.87	642	24.51	26.18	9.86	.53	1.35	.91	1.19	.85 AMP
				138.87	339.98	59.44	348.76	313.82	211.88	141.97	238.94 PHASE
331	24.57	46.29	642	25.13	26.72	18.86	.62	1.35	.93	1.26	.76 AMP
				128.54	336.88	55.41	335.99	381.91	282.89	136.83	225.85 PHASE

CHORDWISE 51 PERCENT RADIUS											
RUN NO 37											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
319	48.45	88.84	642	23.63	15.19	7.71	26.37	28.12	32.87	7.18	3.15 AMP
				385.43	167.84	343.69	84.12	254.48	123.55	118.96	228.69 PHASE
320	46.49	99.52	642	28.85	21.44	13.65	25.25	21.13	48.72	8.88	3.79 AMP
				313.15	171.13	336.44	81.72	236.61	117.59	131.68	217.53 PHASE
321	43.66	122.19	642	35.31	26.82	28.88	22.78	23.68	58.29	12.89	3.27 AMP
				326.72	182.87	341.36	88.48	236.14	136.62	141.76	232.14 PHASE
322	41.51	141.78	642	43.84	35.74	26.56	28.87	27.17	65.95	17.31	3.78 AMP
				338.35	186.84	334.97	88.69	224.86	143.89	134.87	288.41 PHASE
323	49.37	78.97	642	16.38	14.57	4.99	21.91	21.75	29.34	1.75	.58 AMP
				386.57	172.89	348.61	77.47	268.11	125.32	297.88	348.96 PHASE
324	49.52	95.35	642	21.84	28.24	18.45	21.99	23.49	33.86	1.31	1.16 AMP
				315.62	188.96	348.68	88.89	244.12	122.69	241.89	269.92 PHASE
325	48.44	118.18	642	28.76	26.84	16.97	28.14	24.58	48.24	1.34	1.52 AMP
				332.88	196.49	348.36	98.46	254.28	144.78	149.13	326.82 PHASE
326	48.16	126.11	642	32.43	38.24	19.18	28.42	26.88	51.21	3.29	1.62 AMP
				328.99	189.32	328.81	67.92	223.58	118.89	184.59	272.13 PHASE
327	49.29	78.43	642	9.57	15.71	2.45	28.42	28.73	24.92	7.87	1.18 AMP
				388.73	199.23	13.64	95.86	273.64	158.77	312.43	69.63 PHASE
328	51.13	83.34	642	14.57	21.78	7.86	19.18	27.26	27.79	7.59	.59 AMP
				328.83	288.17	348.27	85.83	242.79	156.19	296.21	126.39 PHASE
329	52.31	112.37	642	22.34	28.52	11.68	28.98	38.93	48.91	2.58	.95 AMP
				332.19	284.78	334.68	74.32	233.18	146.58	299.54	328.88 PHASE
330	52.51	122.72	642	26.21	32.62	14.28	21.64	31.82	45.56	1.38	1.28 AMP
				335.35	284.94	328.36	78.37	228.25	141.77	242.88	319.52 PHASE
331	52.28	138.61	642	38.86	35.62	18.88	21.48	38.33	49.79	3.36	1.18 AMP
				339.88	283.51	322.28	67.62	218.28	134.31	164.36	283.27 PHASE

TABLE VI.- Continued

(g) Continued

TORSION 50 PERCENT RADIUS											
RUN NO		37									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
319	.11	5.87	642	2.46	1.77	1.58	.94	.57	.35	.48	.21
				66.01	263.40	68.70	288.22	70.47	268.80	343.28	239.11
320	-.75	6.22	642	3.00	1.83	1.31	.90	.69	.47	.51	.12
				68.62	273.86	68.74	277.44	70.53	250.39	331.89	237.81
321	-1.69	7.04	642	3.72	1.78	.90	.95	.97	.56	.48	.10
				71.20	287.36	96.80	283.79	56.78	261.33	4.91	270.22
322	-3.01	8.24	642	4.68	1.63	.57	1.18	1.69	.14	.44	.10
				60.73	315.35	144.89	313.19	42.06	21.68	58.70	281.97
323	-.38	4.87	642	2.20	1.40	1.00	.92	.51	.20	.36	.09
				78.35	297.82	38.69	268.10	123.80	226.69	356.82	266.71
324	-1.00	5.66	642	2.73	1.71	.97	.85	.62	.28	.38	.09
				79.28	304.04	31.65	270.82	120.80	193.66	343.45	321.85
325	-1.94	6.54	642	3.39	2.03	.59	.70	.68	.33	.46	.17
				83.85	318.02	31.23	279.57	103.87	210.61	35.79	314.54
326	-2.33	6.87	642	3.68	2.13	.45	.65	.81	.31	.49	.23
				78.36	308.03	358.33	270.59	73.34	167.86	4.99	284.67
327	-.60	4.60	642	2.00	1.71	.60	.67	.67	.20	.34	.05
				81.80	317.18	23.87	286.24	148.38	320.77	356.52	292.65
328	-1.29	5.40	642	2.64	2.14	.47	.43	.61	.13	.38	.09
				81.73	316.45	342.82	283.50	138.13	169.25	342.48	332.88
329	-2.06	6.29	642	3.22	2.48	.50	.29	.77	.18	.33	.28
				79.68	317.17	303.66	291.94	114.91	154.31	353.45	310.72
330	-2.46	7.01	642	3.55	2.66	.61	.30	.91	.19	.34	.24
				79.83	316.44	287.54	296.21	106.78	136.52	358.81	290.63
331	-2.85	7.44	642	3.91	2.87	.77	.32	.96	.19	.33	.25
				77.27	314.85	261.52	308.29	92.27	184.17	1.91	276.14

TABLE VI.- Continued

(g) Continued

FLAPWISE 77 PERCENT RADIUS											
RUN NO 37											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
319	-4.15	45.99	642	26.81	22.89	18.66	5.28	1.33	2.31	3.82	2.79 AMP
320	-2.11	48.58	642	139.68	338.38	13.95	218.48	297.81	13.12	282.28	18.98 PHASE
321	-1.88	58.18	642	28.26	25.83	11.81	4.67	1.35	1.88	2.97	2.78 AMP
322	1.97	53.47	642	138.93	329.88	9.76	217.82	274.46	351.73	282.88	18.17 PHASE
323	-1.57	43.27	642	29.79	27.87	11.92	4.11	2.93	2.18	2.91	2.69 AMP
324	.11	45.64	642	141.99	334.78	17.36	227.52	292.68	338.78	385.56	24.11 PHASE
325	2.45	47.38	642	38.44	29.85	12.26	3.69	4.22	2.28	2.74	2.89 AMP
326	3.48	48.58	642	142.83	335.82	16.84	234.85	282.29	316.57	388.34	38.53 PHASE
327	1.28	38.42	642	24.12	22.32	7.88	5.25	3.81	1.22	2.78	1.18 AMP
328	3.47	41.39	642	136.62	332.41	16.89	288.81	218.65	357.38	259.58	34.67 PHASE
329	5.72	44.15	642	25.88	24.22	6.95	5.27	3.41	.98	2.76	1.28 AMP
330	6.86	44.96	642	138.33	336.87	16.78	212.86	215.24	341.85	266.86	17.86 PHASE
331	8.12	46.15	642	27.31	25.83	7.88	4.98	3.32	1.18	3.85	1.44 AMP
				142.25	342.72	26.31	231.84	249.15	338.52	389.35	48.58 PHASE
				28.23	26.37	8.34	4.91	3.12	1.23	3.43	1.26 AMP
				137.17	333.28	18.17	211.96	226.94	312.94	278.95	2.68 PHASE
				21.59	19.61	5.19	4.85	4.33	.81	.84	.69 AMP
				139.22	341.79	34.81	223.38	284.48	25.33	272.22	76.87 PHASE
				22.96	21.88	6.86	4.12	4.93	.68	.76	.95 AMP
				139.43	342.87	39.12	215.63	285.14	25.44	289.68	57.58 PHASE
				24.68	22.83	6.88	4.21	4.38	.72	1.86	.98 AMP
				138.87	343.66	38.15	288.84	285.34	355.39	381.13	55.28 PHASE
				25.39	23.74	7.29	4.85	4.11	.78	.99	1.82 AMP
				137.96	341.55	36.63	285.72	198.99	357.38	386.29	52.38 PHASE
				25.92	24.39	8.81	3.64	3.93	.81	1.12	.94 AMP
				136.76	338.18	33.68	281.33	281.78	346.24	385.31	35.68 PHASE

CHORDWISE 77 PERCENT RADIUS											
RUN NO 37											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
319	64.35	52.69	642	8.19	13.55	9.85	8.24	9.68	11.93	1.36	.96 AMP
320	66.39	45.28	642	131.97	312.23	16.62	99.85	255.62	118.34	147.89	2.41 PHASE
321	68.21	52.76	642	7.34	13.79	18.81	8.42	18.29	14.88	2.38	1.15 AMP
322	69.87	64.19	642	124.62	386.22	6.97	95.22	237.98	187.84	159.88	336.95 PHASE
323	65.57	42.99	642	6.92	14.28	13.38	7.67	12.25	21.38	3.26	1.58 AMP
324	66.68	41.16	642	116.58	387.42	8.73	183.62	242.46	129.32	155.53	357.31 PHASE
325	68.88	47.46	642	6.47	14.87	15.23	6.49	14.45	24.76	4.58	1.81 AMP
326	78.28	51.84	642	91.89	381.62	2.42	94.13	232.91	139.58	141.89	1.88 PHASE
327	68.33	38.26	642	8.46	13.16	6.62	6.52	18.72	11.83	2.39	1.43 AMP
328	69.28	48.91	642	124.89	315.88	23.22	98.53	247.57	116.78	256.95	26.36 PHASE
329	78.75	47.87	642	7.87	13.43	8.88	6.88	11.93	12.43	2.27	1.22 AMP
330	72.81	49.24	642	122.82	314.88	13.43	181.73	235.13	115.13	246.64	.87 PHASE
331	73.18	55.88	642	7.13	13.94	18.78	6.18	12.86	18.71	1.62	1.92 AMP
				112.85	314.34	17.29	111.83	247.98	137.78	287.28	24.84 PHASE
				6.92	14.11	11.68	6.15	13.37	19.98	1.71	1.71 AMP
				182.81	381.31	357.57	87.38	218.41	111.11	252.88	335.41 PHASE
				8.62	11.98	5.12	6.26	9.98	9.53	3.43	1.48 AMP
				125.13	316.32	44.78	111.72	253.58	153.24	296.91	65.67 PHASE
				7.77	12.88	6.83	6.83	13.74	18.78	3.74	1.36 AMP
				119.55	311.21	34.21	184.96	238.52	151.89	286.43	62.31 PHASE
				7.86	12.76	8.43	6.41	15.18	16.88	1.72	1.41 AMP
				187.99	385.82	22.68	93.97	222.18	148.18	297.73	24.69 PHASE
				6.88	13.47	9.33	6.85	15.47	18.87	.94	1.62 AMP
				98.52	299.95	16.42	87.41	216.67	134.99	276.29	17.38 PHASE
				6.76	13.97	18.85	7.84	15.85	19.86	.77	1.48 AMP
				88.97	293.38	8.82	82.81	288.24	127.57	172.79	358.32 PHASE

TABLE VI.- Concluded

(g) Concluded

TORSION 75 PERCENT RADIUS											
RUN NO 37											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
319	-3.27	4.38	642	2.35	.79	.58	.53	.33	.62	.47	.23 AMP
320	-3.72	4.52	642	135.38	165.51	65.84	348.32	235.49	123.68	354.83	131.14 PHASE
321	-4.17	5.03	642	2.75	.67	.68	.55	.33	.67	.54	.22 AMP
322	-4.63	5.72	642	125.99	153.83	48.84	334.87	222.85	116.33	334.43	121.27 PHASE
323	-3.58	3.97	642	3.16	.61	.49	.55	.38	.75	.71	.27 AMP
324	-4.88	4.21	642	121.72	154.91	52.54	335.48	277.73	124.46	349.68	178.78 PHASE
325	-4.52	4.82	642	3.39	.38	.58	.78	.54	.95	.64	.33 AMP
326	-4.75	5.22	642	113.29	139.57	55.82	349.33	348.11	182.72	357.57	287.68 PHASE
327	-3.73	4.81	642	2.54	.41	.51	.72	.57	.61	.37	.16 AMP
328	-4.13	4.57	642	138.18	149.42	52.39	346.67	241.59	139.93	2.89	118.32 PHASE
329	-4.58	5.23	642	2.77	.36	.61	.81	.58	.73	.35	.19 AMP
330	-4.82	5.34	642	138.81	158.54	42.12	341.76	242.21	148.38	352.37	78.79 PHASE
331	-5.85	5.66	642	3.15	.26	.53	.75	.52	.76	.41	.22 AMP
				127.87	144.26	48.28	357.22	275.25	153.66	17.49	153.88 PHASE
				3.38	.26	.52	.83	.52	.88	.41	.18 AMP
				119.28	132.46	36.84	339.11	257.47	128.45	347.76	118.14 PHASE
				2.59	.18	.27	.68	.55	.58	.45	.08 AMP
				138.59	22.36	58.15	356.88	244.15	162.99	18.18	318.64 PHASE
				2.84	.19	.17	.78	.53	.65	.41	.09 AMP
				138.79	319.48	28.42	351.96	245.56	143.37	351.38	315.55 PHASE
				3.12	.27	.16	.88	.47	.73	.45	.15 AMP
				121.84	312.75	23.78	349.57	247.74	132.26	347.38	247.45 PHASE
				3.32	.31	.17	.83	.43	.45	.21	.21 AMP
				117.79	317.65	14.84	344.15	246.68	124.41	342.41	238.83 PHASE
				3.55	.41	.12	.79	.32	.69	.45	.27 AMP
				113.15	322.19	325.47	338.68	257.85	111.14	336.87	288.31 PHASE

PITCH LINK											
RUN NO 37											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
319	-1.68	14.46	642	4.52	4.96	3.25	.69	1.58	.78	.32	.65 AMP
320	-.77	16.68	642	287.24	88.77	288.93	146.84	268.88	88.55	38.76	188.42 PHASE
321	.46	17.54	642	5.75	5.57	3.87	.68	1.67	.89	.19	.48 AMP
322	2.27	28.15	642	282.31	89.28	288.71	184.61	251.26	61.46	65.13	168.97 PHASE
323	-.48	11.85	642	7.82	6.89	2.78	.49	2.43	.76	.86	.59 AMP
324	.18	13.28	642	288.82	94.88	282.72	155.67	258.56	66.85	31.88	187.22 PHASE
325	.99	14.94	642	8.88	6.16	2.84	1.17	3.78	.52	.38	.88 AMP
326	1.37	15.17	642	269.89	94.55	181.95	143.89	237.43	334.34	264.13	283.68 PHASE
327	.39	11.23	642	4.63	4.43	3.17	.28	1.11	.68	.24	.29 AMP
328	1.86	11.85	642	383.75	183.27	184.87	113.27	278.98	182.52	11.88	149.16 PHASE
329	1.56	13.75	642	5.36	5.83	3.17	.36	1.32	.54	.16	.23 AMP
330	1.74	14.78	642	381.42	188.87	177.59	289.65	277.84	86.48	69.25	96.92 PHASE
331	2.86	14.94	642	6.38	5.78	3.28	.38	1.66	.24	.28	.52 AMP
				381.86	117.34	178.86	235.26	276.82	72.87	138.58	169.66 PHASE
				6.88	5.96	3.21	.41	1.91	.22	.28	.58 AMP
				293.52	185.71	158.84	288.87	248.32	326.84	188.28	131.97 PHASE
				4.72	4.66	2.88	.12	.85	.67	.25	.16 AMP
				313.37	113.28	176.28	246.79	299.47	135.69	358.58	249.85 PHASE
				5.48	5.28	2.89	.68	1.89	.41	.21	.18 AMP
				389.87	115.87	168.89	245.78	281.99	92.76	348.72	222.38 PHASE
				5.96	5.67	2.86	.94	1.53	.28	.19	.44 AMP
				384.81	118.13	144.54	236.83	272.25	28.42	322.23	194.21 PHASE
				6.38	5.94	3.82	.93	1.71	.34	.24	.64 AMP
				382.56	116.67	135.81	225.43	265.26	333.88	381.81	181.85 PHASE
				6.84	6.24	2.98	.96	1.87	.48	.26	.82 AMP
				297.45	114.38	122.99	212.38	255.38	383.33	298.28	167.28 PHASE



TABLE VII.- ROTOR PERFORMANCE AND BLADE LOADS DATA FOR  
ACR BLADE WITH SWEPT TIP AND 4° TABS

(a)  $\mu = 0.20$ ;  $M_T = 0.65$

PT.	A1	B1	THETA	CL/SIGMA	CO/SIGMA	CQ/SIGMA
108	-.7	1.5	-2.2	.02568	.00107	.00143
109	-1.5	2.8	.2	.03994	.00074	.00166
110	-1.5	2.4	2.0	.05417	.00144	.00181
111	-2.1	3.2	4.0	.06652	.00131	.00218
112	-2.5	4.2	5.8	.07666	.00071	.00277
113	-2.8	4.8	8.0	.08993	.00066	.00333
114	-3.4	5.6	9.9	.10091	.00004	.00416
115	-3.6	6.7	11.9	.11120	-.00068	.00518
116	-4.1	7.5	13.8	.12050	-.00105	.00644
117	-4.4	7.7	14.9	.12411	-.00102	.00709
118	-4.7	8.6	15.7	.12566	-.00227	.00795
119	-1.3	2.7	-2.0	.03478	.00478	.00112
120	-1.3	2.6	-.1	.05005	.00647	.00103
121	-1.9	3.3	2.0	.06373	.00744	.00116
122	-2.1	4.0	3.9	.07587	.00819	.00143
123	-2.7	4.5	5.9	.08773	.00892	.00179
124	-3.1	5.2	8.0	.10025	.00959	.00249
125	-3.6	5.9	9.9	.11024	.00976	.00315
126	-4.0	6.5	11.8	.12081	.01033	.00409
127	-4.7	7.7	13.9	.12831	.00983	.00561
128	-5.0	8.2	14.8	.12979	.00968	.00622
129	-1.0	2.3	0.0	.02285	-.00133	.00177
130	-1.6	3.0	1.9	.03617	-.00267	.00220
131	-1.4	3.8	3.9	.04856	-.00391	.00268
132	-1.6	4.1	5.8	.06162	-.00480	.00311
133	-2.2	5.0	7.8	.07332	-.00631	.00378
134	-2.5	5.4	9.9	.08502	-.00722	.00455
135	-3.0	6.3	11.8	.09668	-.00890	.00548
136	-3.6	7.3	13.8	.10695	-.01074	.00668
137	-4.1	8.3	15.9	.11613	-.01224	.00816
138	-4.2	8.5	16.9	.11962	-.01221	.00889
139	-.9	3.3	4.0	.03583	-.00618	.00267
140	-1.3	3.8	5.9	.04741	-.00822	.00333
141	-1.7	4.5	7.9	.06049	-.01065	.00413
142	-2.1	5.2	9.9	.07183	-.01289	.00498
143	-2.6	5.9	11.9	.08396	-.01515	.00597
144	-3.1	6.6	13.9	.09496	-.01751	.00714
145	-3.6	7.1	15.8	.10519	-.01959	.00828

TABLE VII.- Continued

(a) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO 7											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
108	47.23	8.32	608	2.45	1.81	.35	.99	3.05	.85	.67	1.19 AMP
				154.01	289.30	250.67	165.45	41.12	281.30	191.94	356.55 PHASE
109	48.86	9.11	608	2.77	1.85	.79	.89	2.74	.91	.63	1.61 AMP
				149.78	292.89	309.59	181.78	31.69	271.61	192.97	353.88 PHASE
110	50.21	7.48	607	2.29	1.98	1.81	1.85	1.81	1.88	.53	1.06 AMP
				165.04	307.22	346.75	219.47	43.41	283.61	243.35	10.43 PHASE
111	51.64	7.37	607	2.29	2.02	1.13	1.86	1.86	1.24	.51	1.11 AMP
				153.21	300.97	332.26	212.86	353.89	253.85	238.57	344.49 PHASE
112	52.96	8.48	606	2.35	2.05	1.28	1.22	2.74	1.44	.59	1.48 AMP
				144.55	312.10	330.84	227.31	348.36	273.17	249.80	2.18 PHASE
113	54.35	8.94	605	2.00	2.12	1.35	1.68	2.45	1.58	.55	1.45 AMP
				128.27	315.35	328.13	229.17	342.25	258.78	235.88	347.03 PHASE
114	55.44	8.91	603	1.90	2.28	1.43	2.35	1.38	1.44	.49	1.94 AMP
				186.47	334.42	336.56	251.14	6.29	274.16	210.56	48.46 PHASE
115	56.44	11.73	607	2.30	2.51	1.71	3.51	6.29	1.21	1.18	1.62 AMP
				74.03	336.35	275.19	232.66	150.26	202.30	177.01	10.20 PHASE
116	57.19	15.55	604	3.77	3.23	3.22	3.99	3.59	2.02	.74	1.95 AMP
				46.97	341.20	254.45	222.28	166.77	192.05	239.33	337.49 PHASE
117	57.50	19.45	608	4.83	3.54	3.46	4.70	5.39	2.37	.70	1.89 AMP
				42.12	350.86	254.02	222.90	184.35	212.09	271.72	11.91 PHASE
118	57.80	21.65	608	5.08	3.84	3.89	5.34	5.74	2.37	.93	2.25 AMP
				38.14	351.88	232.78	206.93	187.32	216.82	305.50	336.55 PHASE
119	46.90	8.31	609	3.73	2.80	.72	.84	2.76	.54	.62	1.51 AMP
				144.54	279.03	138.74	131.29	58.51	291.19	194.21	18.87 PHASE
120	48.36	8.75	608	3.66	2.86	1.85	.89	2.51	.30	.47	1.77 AMP
				158.66	293.64	115.87	153.83	90.10	325.35	222.00	38.21 PHASE
121	49.07	8.56	608	3.62	2.83	1.17	.59	1.91	.09	.24	.99 AMP
				154.56	286.92	90.77	150.85	87.91	288.96	175.47	.63 PHASE
122	51.10	8.27	608	3.50	2.89	1.23	.70	1.37	.23	.34	.90 AMP
				150.55	279.42	66.00	189.74	96.46	182.05	135.16	332.35 PHASE
123	52.51	8.00	607	3.20	2.83	1.36	1.23	2.06	.64	.53	.62 AMP
				144.59	292.06	67.58	214.94	146.59	158.26	161.81	70.10 PHASE
124	53.75	12.34	606	2.68	2.87	.47	2.44	2.22	1.49	1.19	1.24 AMP
				132.90	303.26	67.77	251.18	189.88	178.55	200.69	146.72 PHASE
125	54.84	16.79	609	3.66	2.74	.86	2.98	2.50	2.02	1.41	1.70 AMP
				101.16	302.58	304.02	245.17	184.00	174.63	207.26	130.26 PHASE
126	55.71	19.47	608	2.67	3.45	2.51	3.65	4.12	2.45	1.07	1.82 AMP
				66.30	319.17	271.54	260.47	218.70	216.40	251.93	163.70 PHASE
127	56.37	23.03	605	4.56	4.48	3.85	3.87	4.60	2.04	.86	1.93 AMP
				49.13	342.30	275.23	256.01	231.91	234.33	215.81	167.25 PHASE
128	56.57	24.06	607	5.61	4.62	3.52	4.52	6.37	2.63	.76	1.35 AMP
				38.69	336.93	251.04	225.25	206.77	215.72	221.07	77.29 PHASE
129	47.19	8.50	608	2.19	1.58	.79	.40	2.73	.96	.82	1.50 AMP
				141.35	290.32	351.12	214.90	40.42	284.86	208.00	359.37 PHASE
130	48.71	9.36	609	2.36	1.62	1.43	.57	3.16	1.11	.66	1.73 AMP
				143.67	300.02	348.07	236.04	51.31	302.89	225.41	12.81 PHASE
131	50.21	9.77	608	2.64	1.62	1.37	.79	3.39	1.30	.36	1.83 AMP
				149.98	310.04	348.03	245.97	41.01	296.78	226.73	1.70 PHASE
132	51.73	11.25	609	2.47	1.67	2.12	1.00	4.03	1.71	.20	2.50 AMP
				146.90	311.14	339.02	225.76	7.26	277.82	235.81	329.40 PHASE
133	53.27	12.68	608	2.54	1.66	2.36	1.28	4.64	1.86	.13	2.89 AMP
				137.93	326.10	341.69	235.43	6.59	279.38	309.09	336.13 PHASE
134	54.77	13.98	608	2.33	1.73	2.22	1.68	4.81	2.22	.23	3.32 AMP
				124.02	342.24	340.77	240.40	9.81	273.67	32.05	336.10 PHASE
135	56.10	14.52	608	2.52	1.96	2.00	2.00	4.37	2.52	.36	3.50 AMP
				97.93	355.85	326.38	223.23	355.25	249.62	28.83	206.11 PHASE
136	57.44	14.32	607	3.30	2.59	1.49	2.59	2.94	2.40	.26	3.56 AMP
				71.06	13.17	299.57	210.57	14.90	248.49	102.49	311.73 PHASE
137	58.05	15.05	608	5.20	3.55	1.71	3.57	.64	2.49	.40	3.92 AMP
				52.24	21.56	253.10	191.04	75.92	240.82	293.51	312.83 PHASE
138	59.23	10.11	604	7.00	4.16	2.44	4.34	.82	2.30	.90	4.24 AMP
				43.17	15.10	228.70	168.03	173.90	239.10	321.15	301.04 PHASE
139	49.42	7.45	608	2.43	1.00	1.62	.24	2.40	.61	.27	1.07 AMP
				143.75	314.56	348.67	235.40	37.04	294.17	184.88	357.39 PHASE
140	50.93	7.89	608	2.45	1.22	2.00	.25	2.61	.73	.04	1.26 AMP
				137.40	315.70	341.92	240.72	11.86	271.21	35.50	310.62 PHASE
141	52.49	8.62	608	2.47	1.49	2.22	.36	3.24	.77	.20	1.41 AMP
				133.05	331.40	344.99	247.40	8.13	266.19	70.11	312.32 PHASE
142	54.13	9.72	608	2.50	1.69	2.19	.45	3.54	.83	.56	1.50 AMP
				121.38	347.95	341.47	259.76	1.57	248.99	56.85	301.76 PHASE
143	55.03	11.34	608	2.67	2.10	2.10	.59	3.50	.98	.84	1.76 AMP
				103.44	4.02	328.75	261.73	359.85	225.75	56.20	273.41 PHASE
144	57.42	12.74	609	3.13	2.72	2.21	.77	3.54	1.20	1.14	2.26 AMP
				83.26	15.96	309.63	240.75	353.34	204.26	54.49	257.91 PHASE
145	58.70	13.50	606	4.60	3.10	2.16	1.21	3.07	1.44	1.12	2.50 AMP
				61.00	22.54	205.13	213.07	343.30	202.31	46.62	256.16 PHASE

TABLE VII.- Continued

(a) Continued

CHORDWISE 25 PERCENT RADIUS											
RUN NO 7											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6'	7P	8P
108	52.72	16.78	608	7.29	1.98	1.50	.93	3.23	?	.31	.52 AMP
109	52.88	23.26	608	256.68	81.32	211.60	28.61	9.97	22.1	289.88	36.56 PHASE
110	58.98	26.97	607	13.34	2.57	2.79	1.39	2.61	?	.86	.68 AMP
111	49.63	38.26	607	282.58	93.34	258.88	32.28	19.32	224	216.57	32.22 PHASE
112	48.35	49.74	606	18.35	4.28	1.35	1.82	4.33	2	.86	.34 AMP
113	46.28	68.12	605	312.84	128.59	127.87	353.19	328.12	284	339.13	77.86 PHASE
114	44.38	85.87	603	26.29	5.68	4.89	2.71	4.93	2	.92	.48 AMP
115	42.57	104.69	607	321.51	99.61	143.48	323.53	331.61	322	312.13	339.87 PHASE
116	48.74	133.66	604	34.42	6.69	7.63	3.47	4.96	?	1.19	.76 AMP
117	48.16	148.92	608	329.24	188.92	166.51	327.56	346.79	11	2.59	.47 PHASE
118	48.76	158.45	608	47.56	7.93	11.76	4.74	5.94	0	2.36	1.23 AMP
119	47.28	22.76	609	337.83	98.98	179.65	311.98	359.87	34	274.86	343.67 PHASE
120	45.45	32.56	608	68.35	8.52	14.54	6.59	6.48	8	3.39	1.37 AMP
121	43.88	38.92	608	346.97	118.98	287.25	327.79	48.66	81.18	312.16	42.98 PHASE
122	41.71	58.39	608	79.89	8.95	16.34	8.84	4.35	6.33	3.56	.47 AMP
123	39.45	68.55	607	347.48	182.27	284.93	389.46	9.14	22.93	288.13	37.83 PHASE
124	36.68	75.19	606	97.66	9.18	15.91	6.97	6.22	16.78	2.73	1.89 AMP
125	35.11	91.76	609	353.98	113.22	212.22	318.44	357.95	21.54	332.75	389.44 PHASE
126	33.62	112.46	608	184.88	7.55	11.98	3.79	8.12	2.33	2.56	.56 AMP
127	33.84	136.99	605	359.73	127.48	228.25	386.19	46.84	36.21	69.44	14.22 PHASE
128	34.81	139.37	607	113.46	6.85	7.11	4.21	7.98	23.29	4.75	.45 AMP
129	47.28	12.86	608	356.79	124.79	216.63	165.35	81.37	43.33	99.38	185.48 PHASE
130	47.46	16.39	609	14.82	72.27	227.29	.91	1.66	1.89	.17	.39 AMP
131	47.88	28.47	608	258.64	72.27	227.29	345.56	6.28	194.49	388.36	61.94 PHASE
132	46.35	44.89	609	28.88	4.88	4.25	.83	.78	4.68	.55	.76 AMP
133	45.86	59.38	608	298.71	96.55	388.83	88.96	318.68	317.44	228.88	95.97 PHASE
134	44.88	78.24	608	26.58	6.84	1.82	.92	3.24	7.87	.15	.88 AMP
135	44.14	95.35	608	384.49	188.32	338.82	6.37	291.16	327.78	189.85	78.83 PHASE
136	43.68	109.88	607	35.41	8.68	2.46	2.62	4.15	5.92	1.39	.92 AMP
137	43.76	132.48	608	315.73	188.13	162.81	328.16	386.87	323.47	78.18	25.44 PHASE
138	43.11	147.58	604	43.81	18.81	6.25	4.16	5.36	6.81	1.32	.65 AMP
139	47.95	21.39	608	329.98	188.98	196.75	343.18	1.87	354.85	124.95	74.84 PHASE
140	47.99	34.98	608	57.26	12.88	18.18	5.85	4.82	5.29	1.68	.88 AMP
141	47.99	49.72	608	341.99	114.68	217.28	358.86	49.69	.56	248.82	138.31 PHASE
142	48.18	63.31	608	78.34	12.66	14.32	3.24	7.88	11.91	1.82	.47 AMP
143	48.83	81.22	608	341.81	185.85	288.49	316.73	323.98	251.22	193.86	1.62 PHASE
144	47.34	96.96	609	86.91	12.92	15.27	6.48	3.43	11.12	2.68	388.88 PHASE
145	45.41	116.76	606	352.63	128.13	228.83	325.87	54.41	351.45	263.88	1.98 AMP
				181.24	11.85	15.15	4.41	6.76	11.12	1.67	13.55 PHASE
				187.39	9.63	11.93	313.59	66.77	56.29	319.56	1.68 AMP
				358.99	144.72	243.92	2.81	9.92	13.82	1.66	1.68 AMP
				5.78	1.38	.99	244.86	71.78	54.88	114.93	358.91 PHASE
				283.34	93.31	236.78	.99	2.93	2.58	.69	.39 AMP
				8.93	2.28	3.82	1.38	4.89	178.27	388.62	67.85 PHASE
				295.05	183.89	251.14	46.12	359.33	238.46	386.57	.41 AMP
				18.62	4.18	2.35	1.84	4.36	2.48	.66	.42 AMP
				314.37	188.64	178.48	354.18	383.77	358.22	318.73	68.85 PHASE
				28.35	4.89	7.98	2.88	5.88	3.22	.82	1.87 AMP
				338.86	183.52	171.36	335.82	313.78	15.51	241.65	16.12 PHASE
				39.11	5.53	11.47	3.84	5.98	7.88	1.82	.62 AMP
				338.28	188.17	186.74	341.89	328.86	32.28	263.46	18.93 PHASE
				53.21	5.91	14.62	5.31	6.85	18.87	3.69	2.23 AMP
				347.83	185.31	283.13	336.89	338.96	38.57	283.88	22.86 PHASE
				67.91	6.28	17.49	6.47	4.68	13.73	4.22	2.59 AMP
				346.19	95.19	288.34	318.87	385.39	21.28	272.54	353.74 PHASE
				86.22	6.55	17.49	5.78	2.28	14.31	4.49	2.65 AMP
				351.87	94.74	213.12	332.33	273.95	33.24	325.41	28.38 PHASE
				186.99	5.16	13.21	2.12	3.18	16.68	4.13	1.69 AMP
				357.21	95.72	229.18	38.89	171.82	43.92	62.26	38.38 PHASE
				119.47	3.73	6.97	9.98	5.17	15.56	7.92	1.56 AMP
				359.37	93.29	216.46	188.87	135.25	49.28	75.68	26.45 PHASE
				11.47	2.48	2.36	1.91	3.36	3.57	.16	.25 AMP
				321.99	188.58	177.86	38.88	385.85	299.22	98.84	114.25 PHASE
				28.42	2.98	6.87	2.47	4.14	4.17	.53	.37 AMP
				333.47	188.98	178.36	357.98	312.56	343.85	177.78	11.16 PHASE
				31.18	3.36	18.51	3.84	4.19	5.38	.86	.99 AMP
				243.84	112.65	187.95	357.82	335.48	13.83	243.23	8.88 PHASE
				43.32	3.68	13.88	4.42	2.68	6.48	1.75	1.15 AMP
				348.48	115.98	197.11	353.79	327.15	18.18	266.88	3.51 PHASE
				58.99	3.59	17.28	6.18	2.88	9.21	1.94	1.34 AMP
				351.73	116.16	283.32	341.87	264.42	353.75	284.23	349.79 PHASE
				75.76	3.24	19.76	7.76	4.88	14.88	1.63	.64 AMP
				352.93	184.47	287.83	334.26	226.68	342.58	388.56	333.56 PHASE
				95.58	2.18	19.67	7.38	8.41	14.37	.73	.83 AMP
				357.96	93.32	213.11	389.37	221.62	349.32	359.38	326.47 PHASE

TABLE VII.- Continued

(a) Continued

TORSION 28 PERCENT RADIUS											
RUN NO 7											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
108	10.49	5.65	608	3.89	1.13	.48	.46	.71	.10	.39	.33 AMP
				328.12	103.44	49.55	214.68	285.69	271.09	223.50	32.60 PHASE
109	8.41	6.00	608	3.80	1.12	.29	.03	.09	.24	.33	.49 AMP
				339.64	92.92	42.69	212.47	258.28	254.65	224.23	13.70 PHASE
110	6.67	6.69	607	4.05	1.30	.29	1.05	.98	.46	.31	.42 AMP
				352.92	88.00	75.04	219.77	264.61	289.87	300.81	30.81 PHASE
111	4.85	8.56	607	4.69	1.50	.24	1.55	1.45	.59	.45	.47 AMP
				354.71	60.65	105.37	203.21	233.02	268.37	300.02	3.47 PHASE
112	3.23	10.33	606	5.40	1.02	.43	1.98	1.94	.74	.50	.73 AMP
				1.57	67.89	150.20	213.29	247.36	292.93	310.24	27.02 PHASE
113	1.05	11.09	605	6.61	2.35	.90	2.57	1.97	.81	.71	.83 AMP
				2.20	62.72	159.37	209.10	240.95	292.50	300.26	2.70 PHASE
114	-1.03	13.60	603	8.10	2.88	1.64	3.26	1.86	.07	.75	1.13 AMP
				8.33	73.78	190.00	235.55	285.44	333.13	340.20	43.97 PHASE
115	-3.49	15.37	607	10.20	3.20	2.26	3.00	1.13	1.22	1.36	1.40 AMP
				4.40	69.27	207.55	230.50	268.13	284.75	304.60	4.03 PHASE
116	-6.46	19.33	604	13.33	3.12	3.16	3.14	1.83	2.71	2.00	1.68 AMP
				1.73	66.43	233.00	238.71	262.83	296.03	312.52	326.20 PHASE
117	-8.45	24.26	608	15.57	3.16	3.95	2.86	1.21	2.10	1.80	2.06 AMP
				2.73	68.42	250.04	263.49	312.88	329.34	320.96	342.70 PHASE
118	-9.01	27.67	608	17.25	3.35	4.66	2.44	.45	2.00	2.76	2.85 AMP
				.22	63.52	250.94	272.46	328.01	299.57	300.09	331.44 PHASE
119	10.02	5.92	609	4.27	1.24	.48	.13	.60	.27	.30	.12 AMP
				331.09	103.21	60.16	211.02	333.70	306.73	229.07	83.06 PHASE
120	8.07	5.90	608	4.24	1.20	.49	.23	.56	.24	.30	.22 AMP
				346.03	104.70	109.01	193.09	340.50	330.21	256.32	62.20 PHASE
121	6.07	6.55	608	4.56	1.49	.67	.63	.44	.22	.10	.35 AMP
				352.29	90.44	119.01	186.24	280.66	260.06	220.11	50.02 PHASE
122	4.06	7.00	608	5.31	1.76	.86	1.00	.55	.25	.05	.42 AMP
				352.16	74.19	120.55	193.00	240.40	239.53	104.51	6.44 PHASE
123	1.90	10.20	607	6.57	2.27	1.31	1.67	.64	.32	.14	.36 AMP
				357.07	76.06	160.54	200.24	201.37	300.62	310.51	43.50 PHASE
124	-1.74	12.57	606	8.37	2.74	1.68	1.71	.00	.42	.49	.47 AMP
				2.70	86.14	206.06	255.64	176.02	255.95	312.30	97.12 PHASE
125	-3.12	14.50	609	10.19	3.11	1.71	1.51	1.00	.98	.84	1.00 AMP
				.15	70.20	210.40	230.03	101.92	262.20	304.60	93.77 PHASE
126	-6.01	17.40	608	12.76	2.66	2.41	1.36	1.79	1.65	1.01	.27 AMP
				3.49	81.64	245.47	240.97	231.53	315.39	320.60	300.45 PHASE
127	-9.49	26.00	605	16.56	2.70	7.04	1.69	2.30	3.27	1.53	.85 AMP
				3.75	71.49	205.51	270.00	309.26	17.43	51.94	105.62 PHASE
128	-11.49	27.01	607	19.19	3.35	3.92	2.12	2.20	3.47	1.24	1.19 AMP
				350.12	64.63	267.71	294.05	339.27	20.95	47.93	50.66 PHASE
129	9.10	5.30	608	3.80	1.01	.19	.67	.44	.19	.20	.20 AMP
				331.57	83.25	10.99	223.54	206.54	.44	247.64	24.00 PHASE
130	7.40	5.63	609	4.13	.94	.06	.88	.71	.29	.41	.37 AMP
				345.64	03.05	67.65	224.92	299.95	350.34	266.96	37.25 PHASE
131	5.65	7.05	608	4.65	1.00	.20	1.17	1.09	.51	.36	.45 AMP
				353.94	69.00	150.49	210.06	200.66	325.20	290.26	30.20 PHASE
132	3.03	9.12	609	5.34	1.31	.53	1.63	1.78	.09	.53	.70 AMP
				356.09	54.02	164.16	203.66	262.65	293.29	290.03	2.57 PHASE
133	1.93	10.97	608	6.19	1.59	.95	2.19	2.36	1.01	.55	.91 AMP
				3.00	54.43	172.24	210.09	272.97	300.70	300.43	5.00 PHASE
134	-1.00	12.40	608	7.34	2.05	1.40	2.01	2.69	1.22	.57	1.13 AMP
				6.67	57.60	177.03	211.97	277.50	305.17	312.41	2.20 PHASE
135	-2.16	14.25	608	8.70	2.61	2.19	3.26	2.07	1.44	.56	1.30 AMP
				5.34	55.29	166.64	190.97	264.19	200.35	207.43	330.41 PHASE
136	-4.54	17.45	607	11.02	3.10	2.01	3.03	2.07	1.72	.85	1.70 AMP
				7.63	62.73	109.71	221.73	293.62	305.66	205.40	320.77 PHASE
137	-7.23	22.70	608	14.09	3.50	3.52	2.57	2.92	2.16	1.30	2.42 AMP
				8.67	66.00	216.43	254.31	317.27	316.57	292.43	329.62 PHASE
138	-0.69	24.52	604	16.04	3.75	3.02	2.34	2.64	2.61	2.10	3.29 AMP
				5.80	61.47	226.62	269.64	309.25	294.12	204.00	316.60 PHASE
139	6.15	5.39	608	4.11	.72	.16	.85	.50	.21	.25	.25 AMP
				350.46	71.01	50.03	210.47	203.70	340.33	249.04	29.70 PHASE
140	4.45	6.43	608	4.65	.86	.22	1.03	.93	.36	.18	.30 AMP
				355.27	62.96	122.26	209.45	266.57	314.95	264.61	349.67 PHASE
141	2.57	7.00	608	5.47	1.03	.50	1.33	1.39	.46	.13	.40 AMP
				1.66	40.56	150.75	213.44	273.61	316.77	200.94	337.40 PHASE
142	.60	9.34	608	6.37	1.31	.05	1.56	1.65	.57	.95	.42 AMP
				5.16	46.74	163.92	207.00	271.07	300.32	31.49	320.47 PHASE
143	-1.39	11.15	608	7.50	1.69	1.27	1.83	1.85	.00	.17	.50 AMP
				7.53	47.57	166.33	199.36	267.43	206.90	02.22	302.77 PHASE
144	-3.40	12.03	609	8.07	2.14	1.65	2.05	1.13	.30	.30	.70 AMP
				9.35	51.44	160.36	100.14	250.40	279.70	06.17	209.66 PHASE
145	-5.77	15.13	606	11.11	2.60	2.00	2.22	2.13	1.39	.00	.90 AMP
				10.74	59.19	179.06	102.55	256.43	272.70	71.35	293.50 PHASE

TABLE VII.- Continued

(a) Continued

FLAPWISE 37 PERCENT RADIUS											
RUN NO 7											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
108	32.21	7.48	608	4.41	2.53	1.18	.78	1.68	.35	.07	.29 AMP
				148.53	295.53	298.67	194.33	39.27	293.19	299.58	179.44 PHASE
109	33.78	8.23	608	5.18	2.46	1.58	.75	1.66	.39	.18	.46 AMP
				142.43	292.72	315.61	287.92	26.41	294.38	328.11	172.65 PHASE
110	34.78	8.88	607	5.63	3.02	2.15	.88	1.17	.36	.09	.31 AMP
				151.71	297.55	332.98	243.35	38.16	385.57	388.98	194.39 PHASE
111	35.85	9.19	607	6.16	3.21	2.39	1.01	1.33	.36	.08	.31 AMP
				148.35	287.89	322.29	243.11	349.47	281.35	193.57	148.87 PHASE
112	36.98	9.85	606	6.44	3.39	2.74	1.08	1.91	.41	.06	.39 AMP
				158.12	291.13	338.82	262.61	349.74	291.52	171.87	155.79 PHASE
113	38.21	10.19	605	6.93	3.61	2.99	1.34	1.72	.37	.16	.38 AMP
				147.83	288.88	328.18	262.83	345.24	284.56	287.51	134.84 PHASE
114	39.27	12.01	603	7.38	3.59	3.22	1.78	1.88	.25	.28	.48 AMP
				151.85	299.48	345.37	278.97	188.98	288.51	252.25	284.89 PHASE
115	40.28	12.92	607	7.67	3.88	3.83	2.38	.26	.05	.13	.26 AMP
				145.52	289.26	315.73	251.18	132.18	166.33	298.48	156.68 PHASE
116	40.95	13.98	604	7.49	5.07	3.27	2.69	2.21	.35	.34	.48 AMP
				143.88	295.36	295.51	224.22	172.61	146.28	182.18	128.88 PHASE
117	41.14	15.67	608	7.82	5.29	2.85	3.71	3.35	.49	.43	.39 AMP
				142.79	305.64	288.28	225.64	194.87	196.79	121.52	152.88 PHASE
118	41.59	15.77	608	7.15	5.26	2.98	4.39	3.68	.48	.68	.65 AMP
				136.59	304.87	255.58	214.33	281.66	221.37	111.25	134.72 PHASE
119	31.74	9.35	609	6.81	3.58	.27	.57	1.42	.27	.08	.15 AMP
				134.34	287.16	336.81	174.47	58.85	285.68	294.78	286.52 PHASE
120	32.89	10.35	608	6.73	4.13	.65	.54	1.27	.14	.08	.15 AMP
				147.14	296.91	37.19	214.11	84.53	335.64	333.33	258.26 PHASE
121	34.17	11.38	608	7.17	4.22	1.07	.54	.91	.12	.18	.18 AMP
				147.64	289.41	31.58	238.32	85.89	333.41	228.92	162.82 PHASE
122	35.26	12.87	608	7.68	4.37	1.62	.84	.62	.11	.05	.28 AMP
				144.46	288.87	8.15	243.79	92.92	388.25	112.85	136.58 PHASE
123	36.33	12.78	607	7.99	4.56	2.85	1.89	1.18	.13	.21	.17 AMP
				147.58	285.93	16.25	254.82	158.18	282.87	184.98	262.66 PHASE
124	37.46	13.87	606	8.16	5.83	1.98	1.83	1.38	.28	.28	.39 AMP
				149.18	289.87	4.92	269.73	218.21	236.78	227.86	344.79 PHASE
125	38.55	13.16	609	8.15	5.84	2.73	2.29	1.77	.42	.21	.62 AMP
				141.98	282.56	337.86	257.34	213.98	219.92	284.69	315.84 PHASE
126	39.46	14.53	608	7.87	6.14	2.65	3.83	2.55	.39	.21	.68 AMP
				144.44	299.63	318.95	263.75	244.18	223.64	184.31	354.19 PHASE
127	40.87	19.12	605	7.19	7.51	3.45	3.47	2.78	.98	.34	.65 AMP
				143.39	319.52	384.34	268.97	244.98	219.44	239.61	338.85 PHASE
128	40.29	21.99	607	6.92	7.45	2.62	4.23	4.27	1.48	.28	.42 AMP
				133.68	312.67	278.74	228.17	216.85	286.17	199.42	257.88 PHASE
129	33.34	8.23	608	4.74	2.28	1.45	.48	1.43	.44	.84	.34 AMP
				136.56	291.33	352.45	215.32	41.71	293.88	348.95	174.91 PHASE
130	34.68	9.73	609	5.38	2.26	2.28	.55	1.84	.48	.83	.42 AMP
				141.98	295.81	353.57	241.49	52.72	323.93	331.28	188.84 PHASE
131	35.96	10.96	608	6.04	2.47	2.37	.75	2.85	.35	.82	.35 AMP
				143.47	295.33	348.29	255.98	45.18	296.89	254.73	166.18 PHASE
132	37.15	11.85	609	6.55	2.61	3.29	.98	2.58	.43	.18	.71 AMP
				145.62	298.81	339.26	244.36	12.15	284.98	166.85	134.27 PHASE
133	38.51	12.98	608	7.82	2.64	3.83	.94	2.97	.46	.26	.96 AMP
				147.77	296.99	344.28	261.89	13.17	283.75	288.17	143.79 PHASE
134	39.71	13.87	608	7.58	2.65	3.99	1.13	3.38	.53	.25	1.88 AMP
				149.87	297.83	345.35	268.88	16.44	281.18	217.29	144.87 PHASE
135	40.98	14.58	608	7.96	2.32	4.28	1.21	3.25	.49	.22	1.88 AMP
				144.13	296.55	335.89	258.13	2.28	258.19	186.85	111.89 PHASE
136	42.87	14.32	607	8.24	2.25	3.38	1.49	2.29	1.58	.82	1.88 AMP
				142.81	386.42	332.93	216.73	28.48	233.43	92.99	113.14 PHASE
137	43.26	13.98	608	8.36	2.44	1.96	.83	.45	.55	.52	1.15 AMP
				138.74	318.77	314.52	189.88	65.58	214.43	97.41	116.21 PHASE
138	43.88	13.79	604	8.33	3.81	2.15	3.61	.58	.63	.86	1.15 AMP
				132.59	314.17	261.81	179.55	213.96	211.61	97.42	186.35 PHASE
139	35.78	8.89	608	5.45	1.98	2.62	.33	1.42	.14	.84	.26 AMP
				143.52	296.15	346.13	245.28	39.37	267.11	273.84	188.88 PHASE
140	36.97	9.34	608	5.99	2.88	3.13	.41	1.51	.21	.12	.34 AMP
				142.92	294.28	341.13	241.78	12.63	246.48	172.54	138.89 PHASE
141	38.28	10.34	608	6.53	2.38	3.43	.42	2.85	.31	.23	.47 AMP
				145.96	383.54	344.16	252.99	9.99	258.19	283.58	138.83 PHASE
142	39.61	11.84	608	7.81	2.33	3.67	.38	2.25	.15	.28	.58 AMP
				147.11	383.25	344.69	279.76	3.56	262.85	233.77	128.12 PHASE
143	41.83	12.45	608	7.51	2.32	3.99	.42	2.46	.88	.25	.51 AMP
				147.32	318.15	339.39	277.65	2.95	232.44	238.65	93.87 PHASE
144	42.48	13.89	609	8.04	2.28	4.15	.47	2.65	.86	.18	.68 AMP
				145.94	325.84	332.49	265.88	356.86	188.58	253.68	73.16 PHASE
145	43.61	15.88	606	8.48	2.17	3.78	.85	2.46	.26	.12	.71 AMP
				142.39	323.82	322.86	217.65	353.77	128.38	86.77	64.41 PHASE

TABLE VII.- Continued

(a) Continued

CHORDWISE 37 PERCENT RADIUS											
RUN NO 7											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
108	31.29	17.19	608	6.14	1.30	1.34	1.33	4.19	3.45	.82	.43 AMP
				255.11	84.75	248.20	16.74	12.76	221.80	322.28	150.48 PHASE
109	30.57	20.33	608	10.45	1.78	2.63	2.11	3.86	4.16	.23	.50 AMP
				278.14	89.69	265.26	4.59	22.46	219.66	3.36	114.68 PHASE
110	29.79	23.72	607	13.86	3.61	4.47	2.82	5.08	3.84	1.85	1.13 AMP
				305.42	103.79	204.30	349.25	340.33	289.71	355.50	131.15 PHASE
111	28.43	30.14	607	19.27	5.15	3.14	4.14	6.81	4.37	2.84	.94 AMP
				315.88	95.95	166.57	330.48	338.53	328.91	347.73	90.37 PHASE
112	26.96	39.61	606	24.98	6.47	5.13	5.14	7.54	5.18	1.43	.66 AMP
				325.22	101.83	186.75	332.91	354.11	15.10	3.80	140.90 PHASE
113	24.27	57.91	605	34.67	8.34	8.90	7.26	9.31	10.20	3.02	.34 AMP
				333.20	100.61	195.93	317.33	358.53	33.14	259.25	331.71 PHASE
114	21.19	76.25	603	44.93	9.54	12.23	10.22	9.56	13.52	5.68	1.24 AMP
				343.24	112.65	224.72	334.39	33.97	77.97	297.54	40.78 PHASE
115	17.56	87.43	607	60.35	10.48	15.21	13.36	6.17	10.17	6.89	1.16 AMP
				344.06	109.22	275.50	315.27	358.21	22.85	283.21	101.11 PHASE
116	14.26	111.20	604	73.72	10.98	15.55	10.50	5.56	23.90	4.43	.92 AMP
				350.43	120.84	235.26	317.34	344.03	11.15	349.01	114.00 PHASE
117	12.32	126.72	608	79.50	9.44	12.59	5.93	4.59	30.33	5.53	2.19 AMP
				355.49	133.92	254.91	313.67	47.23	37.06	80.79	119.40 PHASE
118	11.68	139.30	608	86.29	8.27	8.78	3.86	5.62	33.23	10.39	3.59 AMP
				352.50	131.82	250.61	199.50	121.03	43.08	99.07	124.18 PHASE
119	25.69	19.48	609	11.52	1.98	2.98	1.04	1.93	1.67	.56	.58 AMP
				256.13	79.79	232.47	357.14	13.69	105.29	344.47	145.74 PHASE
120	24.41	25.38	608	15.67	3.54	3.26	1.07	5.59	6.47	.55	1.12 AMP
				205.99	96.43	302.10	57.49	351.07	311.99	225.11	141.28 PHASE
121	22.04	33.50	608	20.11	5.76	1.71	1.59	2.37	10.56	.67	1.52 AMP
				299.78	100.32	312.84	2.66	302.87	326.12	20.95	132.00 PHASE
122	20.75	42.74	608	26.71	8.30	2.16	3.77	4.65	9.05	2.99	.87 AMP
				311.29	97.54	198.06	332.59	310.05	324.46	42.77	117.52 PHASE
123	18.22	52.61	607	33.80	10.84	5.30	6.11	6.28	10.31	2.83	.37 AMP
				326.36	107.72	218.51	344.46	350.20	353.66	110.42	319.32 PHASE
124	14.34	65.29	606	44.83	12.56	9.16	8.23	5.10	8.96	3.01	1.49 AMP
				338.52	114.61	242.20	350.90	32.02	359.61	238.60	349.43 PHASE
125	11.33	76.52	609	55.29	13.54	13.84	10.33	4.03	12.40	3.24	2.30 AMP
				338.88	107.69	322.70	322.72	340.27	326.55	246.05	301.19 PHASE
126	0.87	93.09	608	60.78	13.70	14.66	10.07	4.92	19.10	3.55	3.58 AMP
				349.46	123.00	253.70	330.64	358.03	354.74	259.46	300.02 PHASE
127	6.68	114.26	605	79.44	12.48	15.31	7.00	5.78	15.59	2.03	4.29 AMP
				357.79	150.09	272.59	326.59	36.00	57.53	383.38	370.89 PHASE
128	5.92	116.50	607	84.21	10.52	13.50	3.65	4.73	18.21	3.99	2.83 AMP
				354.39	147.00	271.18	261.34	60.08	53.29	114.83	274.50 PHASE
129	24.30	14.35	608	4.87	1.94	1.74	1.62	3.92	3.67	1.10	.80 AMP
				202.10	103.09	261.39	10.55	11.47	160.40	301.57	154.64 PHASE
130	24.25	16.90	609	7.74	1.73	2.97	2.23	2.54	3.76	.84	.94 AMP
				291.50	107.08	265.52	17.42	26.87	223.25	333.49	157.38 PHASE
131	23.74	24.74	608	14.51	3.43	1.72	3.37	4.24	3.36	1.53	1.93 AMP
				309.40	104.69	229.64	356.29	325.75	354.01	342.36	145.58 PHASE
132	23.21	35.05	609	21.27	4.40	4.93	4.63	7.23	5.46	.71	2.00 AMP
				324.73	106.97	191.60	340.47	329.18	21.86	191.80	105.22 PHASE
133	22.16	40.07	608	20.60	5.22	7.71	6.00	8.40	10.90	2.76	1.97 AMP
				333.91	110.29	206.36	346.52	345.93	33.95	237.92	106.40 PHASE
134	20.64	62.42	608	30.49	6.06	11.36	8.02	9.23	15.76	6.75	3.06 AMP
				342.76	108.77	221.49	342.34	351.72	39.48	265.37	88.99 PHASE
135	18.07	00.62	608	49.71	7.11	14.69	9.09	7.77	21.96	7.00	4.19 AMP
				342.51	101.10	217.22	324.57	336.60	22.66	256.36	54.58 PHASE
136	17.11	00.02	607	63.39	8.42	15.98	8.52	2.44	22.53	8.13	5.43 AMP
				348.07	106.36	228.61	335.66	348.78	36.02	314.70	64.15 PHASE
137	15.99	110.02	608	78.70	8.16	13.51	2.17	4.75	24.06	7.74	5.63 AMP
				354.62	115.10	241.91	29.29	164.53	46.04	64.20	72.09 PHASE
138	15.02	123.17	604	87.65	7.54	9.09	8.94	7.69	22.15	15.07	5.02 AMP
				356.56	117.00	232.06	118.74	154.11	51.20	80.24	48.70 PHASE
139	24.40	18.48	608	9.15	2.07	1.74	2.95	3.42	5.35	.96	1.14 AMP
				316.66	106.11	215.81	18.72	320.11	299.30	39.07	123.25 PHASE
140	24.46	29.54	608	15.44	2.90	4.42	3.80	4.98	6.42	1.19	1.06 AMP
				327.76	107.15	191.05	1.00	325.37	342.39	122.11	107.40 PHASE
141	24.16	39.35	608	23.17	3.34	7.00	4.92	5.94	8.22	2.29	1.17 AMP
				338.96	116.18	205.22	1.22	345.30	14.16	213.51	71.63 PHASE
142	23.43	50.77	608	31.50	3.58	10.00	6.43	4.89	9.84	3.75	1.46 AMP
				344.20	115.27	214.78	356.70	347.23	19.40	240.09	55.31 PHASE
143	22.44	63.02	608	42.51	3.62	13.56	8.62	3.06	14.16	4.14	2.11 AMP
				347.51	114.76	220.38	346.44	327.00	357.01	255.75	36.57 PHASE
144	20.75	76.20	603	54.81	3.00	15.52	10.13	3.16	21.31	3.07	2.30 AMP
				349.56	111.14	223.43	338.79	269.19	345.20	268.76	11.03 PHASE
145	17.57	91.09	606	70.01	4.29	17.63	9.43	6.31	21.86	.92	3.87 AMP
				355.10	120.24	227.13	319.70	238.07	353.77	47.90	347.72 PHASE

TABLE VII.- Continued

(a) Continued

TORSION 36 PERCENT RADIUS											
RUN NO 7											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
108	9.13	5.31	608	3.98	1.10	.37	.36	.65	.08	.19	.19 AMP
				323.22	90.72	34.89	1.85	239.16	235.07	181.51	343.87 PHASE
109	7.10	5.45	608	3.98	1.14	.29	.68	.81	.13	.14	.30 AMP
				333.14	82.10	44.51	185.61	218.48	192.70	176.25	323.52 PHASE
110	5.40	5.98	607	4.13	1.30	.28	.84	.85	.28	.24	.28 AMP
				346.19	79.01	72.45	190.22	227.70	249.63	281.84	345.44 PHASE
111	3.65	7.60	607	4.75	1.40	.26	1.28	1.24	.41	.37	.31 AMP
				347.68	61.64	92.23	173.19	195.60	228.06	250.31	314.39 PHASE
112	2.07	9.23	606	5.39	1.62	.44	1.68	1.69	.57	.40	.50 AMP
				354.00	59.38	126.08	183.26	200.04	256.26	270.32	339.00 PHASE
113	.00	10.62	605	6.40	2.04	.85	2.23	1.74	.63	.57	.53 AMP
				354.64	51.69	133.24	178.15	209.72	257.21	267.56	314.00 PHASE
114	-1.90	12.23	603	7.67	2.40	1.47	2.01	1.63	.71	.59	.74 AMP
				.62	61.26	164.27	204.67	246.97	297.25	305.97	364.81 PHASE
115	-4.24	12.94	607	9.40	2.67	1.85	2.50	1.84	.95	1.06	.95 AMP
				355.57	55.54	181.83	198.46	233.12	246.72	258.54	312.92 PHASE
116	-6.94	16.02	604	12.00	2.61	2.39	2.66	1.68	2.22	1.56	1.11 AMP
				353.33	51.78	208.40	208.01	234.92	255.91	265.39	276.69 PHASE
117	-0.79	20.37	608	14.11	2.70	3.02	2.44	1.35	1.69	1.41	1.38 AMP
				354.07	53.01	227.96	235.00	286.01	285.96	272.25	291.92 PHASE
118	-10.07	22.46	608	15.59	2.90	3.57	2.14	.78	1.60	2.16	1.91 AMP
				351.39	49.09	229.17	246.07	299.40	256.19	256.77	200.67 PHASE
119	8.00	5.01	609	4.34	1.26	.42	.10	.59	.16	.22	.09 AMP
				325.00	91.17	48.36	191.46	293.05	276.64	186.54	24.32 PHASE
120	6.07	5.60	608	9.40	1.28	.42	.16	.45	.14	.22	.17 AMP
				339.93	95.41	93.96	165.96	309.07	304.38	207.03	31.24 PHASE
121	4.90	5.05	608	5.57	1.44	.53	.49	.39	.14	.12	.20 AMP
				345.13	79.77	103.47	154.36	240.19	221.19	192.96	357.66 PHASE
122	3.09	6.91	608	5.24	1.50	.66	.91	.49	.20	.04	.32 AMP
				344.13	64.41	106.44	160.03	209.55	200.07	247.32	319.34 PHASE
123	1.02	9.04	607	6.29	1.97	1.10	1.46	.62	.29	.12	.20 AMP
				349.07	62.97	130.10	107.33	247.01	267.18	292.10	347.00 PHASE
124	-1.42	10.47	606	7.71	2.27	1.37	1.44	.06	.31	.30	.36 AMP
				354.37	70.06	103.50	221.27	276.73	229.00	270.23	33.04 PHASE
125	-3.64	12.05	609	9.21	2.50	1.30	1.33	.72	.76	.65	.15 AMP
				351.79	61.71	103.13	194.33	151.65	225.11	262.82	347.54 PHASE
126	-6.27	14.77	608	11.32	2.22	1.70	1.32	1.31	1.31	.01	.21 AMP
				354.73	61.10	242.36	213.55	204.11	276.63	206.75	207.53 PHASE
127	-9.51	21.15	605	14.00	2.56	2.11	1.71	2.12	2.62	1.22	.64 AMP
				354.06	51.62	263.20	250.13	204.02	335.50	3.72	54.91 PHASE
128	-11.37	22.70	607	17.21	3.16	2.90	2.11	2.26	2.69	.92	.02 AMP
				349.44	47.34	243.83	264.49	309.40	338.10	357.12	1.74 PHASE
129	0.03	5.19	608	3.97	.99	.16	.61	.37	.14	.26	.15 AMP
				325.02	72.63	30.60	194.05	237.44	354.54	213.13	335.40 PHASE
130	6.40	5.30	609	4.22	.97	.14	.77	.63	.18	.22	.22 AMP
				339.70	74.90	109.02	194.55	256.54	327.77	234.21	346.51 PHASE
131	4.62	6.45	608	4.70	1.06	.27	.99	.97	.35	.20	.31 AMP
				346.40	64.82	130.92	107.71	248.20	209.64	261.90	354.47 PHASE
132	2.03	0.34	609	5.40	1.24	.57	1.41	1.55	.66	.45	.53 AMP
				349.33	40.03	130.04	174.06	221.73	256.39	240.93	316.56 PHASE
133	.90	9.92	608	6.20	1.45	.90	1.92	2.03	.75	.43	.59 AMP
				355.25	47.00	147.93	100.24	232.49	273.50	263.90	319.62 PHASE
134	-.97	11.56	608	7.10	1.81	1.46	2.46	2.32	.00	.47	.74 AMP
				350.90	47.15	152.53	101.91	236.06	260.50	269.56	314.27 PHASE
135	-2.90	13.10	608	8.42	2.25	2.00	2.04	2.50	1.04	.47	.06 AMP
				357.69	44.02	142.69	160.16	224.07	252.66	241.43	201.15 PHASE
136	-5.26	15.30	607	10.30	2.70	2.54	2.59	2.49	1.30	.73	1.13 AMP
				359.71	50.19	163.14	191.65	255.51	269.03	238.45	277.79 PHASE
137	-7.00	19.22	608	12.91	3.07	3.00	2.25	2.61	1.68	1.10	1.61 AMP
				.47	54.21	100.94	227.09	202.40	276.04	244.05	270.19 PHASE
138	-9.22	20.00	604	14.50	3.17	3.05	2.19	2.44	2.14	1.04	2.24 AMP
				357.33	40.59	201.07	245.16	275.11	253.61	235.00	265.14 PHASE
139	5.16	5.25	608	4.24	.76	.20	.69	.53	.17	.16	.10 AMP
				343.64	66.90	01.50	100.04	243.19	323.09	207.57	350.37 PHASE
140	3.40	6.22	608	4.70	.82	.31	.07	.79	.28	.15	.20 AMP
				340.01	49.90	100.20	179.30	225.69	278.92	216.13	307.06 PHASE
141	1.63	7.55	608	5.56	.94	.56	1.19	1.19	.30	.09	.25 AMP
				354.21	42.49	135.44	103.14	232.45	203.00	237.04	297.30 PHASE
142	-.25	0.90	608	6.36	1.16	.09	1.41	1.40	.43	.03	.20 AMP
				357.44	30.92	139.00	170.76	230.53	267.00	341.01	204.63 PHASE
143	-2.31	10.30	608	7.37	1.45	1.20	1.62	1.56	.59	.11	.33 AMP
				359.00	39.71	141.79	169.52	226.23	252.17	47.30	250.56 PHASE
144	-4.20	11.76	609	8.44	1.82	1.63	1.03	1.67	.03	.10	.03 AMP
				1.14	40.11	140.33	159.11	210.00	241.62	50.79	244.45 PHASE
145	-6.40	13.51	606	10.19	2.22	1.96	1.95	1.67	1.27	.61	.62 AMP
				2.10	45.26	147.79	154.89	210.00	230.30	235.09	242.75 PHASE

TABLE VII.- Continued

(a) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO 7											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
108	19.41	8.85	608	5.21	3.18	1.84	.53	.67	.51	.53	1.14
				126.32	298.83	317.88	284.59	217.84	86.36	8.11	AMP
109	20.59	9.64	608	5.95	3.35	2.61	.65	.49	.51	.47	1.55
				132.54	285.75	327.23	307.06	222.57	74.85	4.44	172.17
110	21.38	10.24	607	6.49	4.07	3.38	.81	.15	.68	.33	1.05
				143.89	290.95	339.84	331.45	240.20	101.01	69.31	199.49
111	22.10	12.01	607	7.44	4.62	3.93	.92	.08	.75	.38	1.20
				141.81	280.68	327.86	328.34	166.73	69.88	65.85	165.28
112	23.15	13.58	606	8.12	4.99	4.38	.93	.35	.91	.47	1.72
				145.54	286.05	336.28	334.25	126.59	90.76	85.21	105.45
113	24.35	15.84	605	9.24	5.35	4.77	1.04	.24	1.11	.44	1.77
				144.17	280.14	333.84	329.49	145.28	71.87	89.84	168.37
114	25.64	16.94	603	10.49	5.37	5.02	1.16	.02	.96	.03	2.34
				148.19	288.89	351.86	350.13	211.38	107.28	337.11	226.88
115	26.86	17.55	607	11.93	5.93	4.77	1.15	.32	.94	.71	1.98
				143.76	279.63	336.73	334.19	320.58	52.76	357.05	189.28
116	27.42	19.35	604	12.32	6.95	4.31	.56	.27	.99	.75	2.46
				143.14	287.06	328.78	359.52	351.34	53.08	90.86	159.35
117	27.61	19.59	608	12.37	6.89	3.27	.14	.59	1.07	.98	2.68
				143.76	297.47	336.52	321.03	316.28	52.04	115.67	109.41
118	28.18	22.06	608	12.94	6.98	2.26	.55	.73	1.23	1.58	3.13
				139.71	292.67	306.07	251.54	316.98	52.87	125.84	157.28
119	18.02	10.47	609	6.69	4.46	1.33	.52	.72	.38	.53	.59
				125.24	281.52	336.88	272.18	219.98	93.87	9.75	282.31
120	18.92	12.53	608	7.53	5.15	1.78	.54	.56	.35	.35	.87
				137.95	291.82	105.55	308.88	249.11	132.73	41.53	219.23
121	20.03	13.48	608	8.33	5.52	2.38	.68	.38	.23	.20	1.05
				140.17	284.10	7.11	302.47	268.15	126.88	309.41	105.22
122	21.15	14.69	608	9.45	5.88	2.92	.67	.53	.05	.20	1.12
				138.04	273.33	355.78	290.27	263.25	11.44	261.21	156.79
123	22.38	15.72	607	10.47	6.12	3.55	.93	.78	.19	.24	1.58
				142.54	277.15	5.75	312.69	304.58	.65	322.52	236.50
124	23.02	17.28	606	11.92	6.44	3.47	.83	.79	.65	.70	1.18
				144.58	278.37	105.57	321.37	322.16	350.68	18.72	312.24
125	24.94	17.77	609	12.58	6.47	4.24	.99	1.01	1.00	1.03	1.44
				139.38	271.68	349.03	317.03	318.85	5.42	36.58	298.33
126	26.01	19.38	608	13.04	7.57	3.53	.63	1.11	1.14	.90	1.45
				143.75	287.24	346.83	350.38	11.16	48.25	87.43	324.32
127	26.39	21.01	605	12.91	9.10	3.59	.25	.59	.56	.37	2.05
				146.22	309.47	342.18	40.25	38.21	62.26	23.77	325.87
128	26.46	21.25	607	12.92	8.81	2.32	.53	.84	.76	.43	2.03
				138.98	302.42	332.67	189.71	318.25	10.25	17.91	248.54
129	20.44	9.61	608	5.86	3.08	2.32	.39	.74	.47	.65	1.41
				126.76	283.79	345.91	300.98	215.43	86.82	20.06	178.93
130	21.59	10.72	609	6.43	3.32	3.12	.52	.74	.65	.51	1.68
				135.01	285.92	351.37	316.98	220.52	107.94	39.98	190.33
131	22.71	12.24	608	7.32	3.77	4.86	.78	.67	.84	.15	1.74
				140.00	285.47	346.97	328.94	194.38	117.31	23.06	101.28
132	23.78	14.71	609	8.13	4.28	4.81	.84	.75	1.11	.09	2.51
				141.22	279.63	339.78	319.85	158.36	93.17	110.18	149.32
133	24.94	16.72	608	8.95	4.47	5.84	.95	.94	1.27	.90	2.99
				145.86	284.68	345.82	334.36	155.06	99.06	186.77	155.82
134	26.14	18.79	608	9.96	4.72	5.95	1.09	.88	1.54	.52	3.50
				148.63	283.95	349.21	341.06	147.47	90.01	211.68	154.41
135	27.47	20.53	608	11.07	4.59	6.37	1.18	.83	1.79	.59	3.91
				146.02	274.95	340.69	330.66	116.52	65.81	197.98	124.31
136	28.72	21.51	607	12.16	4.76	5.46	.59	.81	1.66	.37	3.95
				148.27	276.14	342.94	319.33	137.28	70.43	233.26	129.17
137	29.73	21.52	608	12.66	5.08	3.67	.69	.71	1.51	.43	4.41
				149.04	280.09	338.58	221.13	157.08	67.18	148.72	129.62
138	30.07	21.84	604	12.86	5.69	3.83	1.38	.62	1.26	1.38	4.92
				145.86	277.39	295.18	217.77	151.34	64.20	142.55	117.57
139	22.94	10.35	608	6.59	3.02	3.61	.43	.49	.39	.29	1.07
				139.14	283.58	340.80	308.74	209.84	119.34	329.69	177.06
140	23.96	12.13	608	7.35	3.36	4.42	.46	.57	.42	.11	1.22
				140.75	279.82	336.17	297.41	180.68	105.46	259.78	134.75
141	25.15	13.96	608	8.19	3.69	4.99	.45	.64	.42	.26	1.44
				145.87	286.63	341.55	312.78	169.96	103.47	222.14	130.47
142	26.36	15.86	608	9.05	3.82	5.32	.53	.63	.51	.68	1.58
				148.97	289.57	342.37	322.44	154.39	70.61	226.99	118.25
143	27.72	18.45	608	9.97	3.89	6.01	.62	.67	.76	.96	1.85
				150.72	291.86	341.24	327.47	137.07	51.08	227.34	93.51
144	29.05	20.26	609	10.97	3.83	6.18	.80	.68	1.00	1.21	2.32
				151.22	291.00	338.29	325.01	120.02	37.19	230.11	77.53
145	30.40	21.24	606	12.30	4.03	5.47	.73	.91	1.23	1.16	2.62
				150.73	284.98	331.22	325.02	107.51	38.02	220.64	76.09



TABLE VII.- Continued

(a) Continued

CHORDWISE 51 PERCENT RADIUS											
RUN NO 7											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
108	29.88	19.85	608	5.68	1.12	1.36	1.47	4.42	4.85	1.19	.97
				257.68	98.53	258.62	13.47	13.81	223.19	332.36	177.65
109	28.15	23.96	608	9.38	1.78	2.75	2.58	4.58	4.91	.54	.92
				277.31	97.83	278.34	2.34	24.22	219.74	25.45	159.46
110	27.72	25.11	607	11.91	3.48	1.81	3.47	5.57	3.39	2.46	1.85
				382.88	188.82	268.55	352.28	346.57	292.22	3.85	145.78
111	27.88	32.19	607	16.31	5.85	2.58	5.81	7.87	5.26	2.69	2.81
				311.97	182.38	195.37	332.82	344.86	334.12	.66	113.37
112	25.79	39.94	606	21.84	6.38	4.58	6.38	8.89	6.35	2.84	2.81
				321.89	189.57	289.16	336.83	.19	22.46	25.91	151.23
113	23.12	56.54	605	28.86	8.18	8.34	8.81	18.93	13.85	3.56	.55
				329.94	186.42	218.61	328.91	2.85	37.86	254.96	136.26
114	19.62	73.92	603	37.78	9.73	12.14	12.22	11.46	17.18	7.18	1.81
				348.15	116.42	235.68	336.51	36.73	81.44	296.95	43.81
115	15.23	83.52	607	58.78	18.87	16.38	16.12	7.74	12.78	9.44	1.77
				348.82	113.23	235.57	316.76	.85	26.88	288.88	183.84
116	18.91	182.93	604	61.63	11.19	17.78	13.17	6.28	29.27	6.68	2.52
				346.85	123.89	244.47	318.57	346.72	15.39	1.59	116.92
117	7.96	116.29	608	66.83	9.23	15.85	7.86	3.88	36.85	8.56	3.91
				351.86	135.24	262.81	314.79	49.46	48.85	83.28	129.73
118	6.36	137.82	608	72.93	8.37	11.66	4.76	5.73	48.58	14.99	6.83
				348.28	131.34	256.38	229.97	139.56	45.87	188.64	127.56
119	21.26	28.16	609	18.28	1.85	2.71	1.86	1.75	2.81	.86	.91
				254.92	84.58	234.37	359.47	11.84	183.32	358.79	167.45
120	28.73	25.81	608	13.52	3.44	3.81	1.13	.66	7.66	.61	1.48
				282.68	183.85	381.97	53.29	351.38	313.59	218.87	154.72
121	28.88	33.99	608	17.83	5.64	1.82	1.97	2.42	12.94	.91	2.18
				295.97	184.13	386.12	4.98	386.73	329.16	19.67	147.21
122	18.74	41.79	608	22.48	8.16	1.95	4.24	4.99	11.44	3.96	1.12
				387.25	181.86	218.58	332.53	312.67	327.83	45.69	137.87
123	16.48	51.19	607	28.73	18.95	4.94	6.78	7.84	13.85	3.83	1.89
				322.65	189.35	229.98	341.47	357.48	355.96	115.68	315.48
124	12.23	64.43	606	38.55	12.59	9.38	9.88	6.47	11.88	4.15	3.31
				335.83	116.88	251.44	347.36	26.77	.97	245.44	353.12
125	8.82	75.87	609	47.84	13.95	13.65	12.88	6.32	16.54	3.91	4.26
				335.73	188.27	241.12	321.88	335.65	338.26	255.21	312.32
126	4.71	98.81	608	68.18	14.12	16.23	13.38	8.18	24.77	3.17	5.89
				346.28	119.67	261.42	338.84	358.81	.84	267.51	317.16
127	2.85	118.62	605	69.14	11.69	17.94	18.29	7.21	19.19	1.39	6.59
				353.82	144.68	281.35	331.12	32.64	61.59	296.87	314.83
128	1.53	113.24	607	73.34	9.52	16.18	6.17	3.26	21.89	6.73	5.88
				349.84	148.37	278.24	275.36	57.58	55.25	116.16	256.16
129	19.44	16.85	608	4.63	.81	1.63	1.96	4.28	4.52	1.37	1.58
				279.24	186.79	274.57	16.93	13.67	169.93	315.25	167.67
130	18.71	19.71	609	7.19	1.64	2.99	2.88	2.86	4.78	1.87	1.69
				289.78	111.46	277.72	17.38	32.75	222.18	347.98	175.54
131	18.18	27.28	608	12.58	3.24	2.85	4.48	4.32	3.86	2.81	3.29
				387.83	188.57	266.54	.87	336.89	.82	358.43	156.56
132	18.86	35.88	609	17.92	4.49	4.13	5.93	7.86	6.74	1.18	3.82
				321.35	118.89	217.44	343.65	338.68	28.15	168.84	124.11
133	17.39	49.22	608	24.86	5.37	6.95	7.86	9.49	13.74	4.87	4.38
				338.84	116.11	227.69	358.65	356.75	39.15	238.67	138.32
134	16.13	63.55	608	32.85	6.28	18.83	18.13	18.83	28.88	9.11	5.17
				339.86	115.98	237.28	346.27	4.77	44.66	263.13	116.85
135	14.14	78.47	608	41.41	7.69	14.56	12.23	9.93	27.85	18.17	6.43
				339.95	185.92	238.25	329.25	352.78	27.49	254.83	78.44
136	12.18	84.59	607	52.78	9.48	16.56	18.42	4.17	28.38	18.31	8.82
				346.64	118.52	238.38	338.39	25.18	41.65	316.36	88.28
137	18.79	185.36	608	64.82	18.34	14.65	2.12	5.88	38.69	18.66	8.82
				352.72	117.61	245.49	18.32	153.92	58.51	69.47	86.66
138	9.75	119.46	604	71.78	18.12	11.34	8.38	9.23	26.84	28.27	8.52
				354.55	117.54	232.22	131.28	156.36	55.76	85.42	61.81
139	19.18	19.39	608	8.23	1.91	1.68	3.69	3.57	6.31	1.38	1.88
				313.34	189.83	258.78	28.18	326.22	388.28	44.78	134.54
140	18.43	28.95	608	13.39	2.77	3.52	4.88	5.38	7.69	1.87	2.87
				324.45	111.48	214.15	3.99	332.83	345.85	122.85	123.54
141	18.82	38.86	608	19.78	3.23	6.14	6.12	6.74	18.88	3.67	2.87
				335.75	128.23	224.39	5.74	354.18	15.68	289.88	98.21
142	17.48	48.55	608	26.65	3.59	9.18	8.81	5.88	12.27	5.91	2.25
				341.41	124.17	238.24	12.58	359.54	22.87	238.87	84.12
143	16.38	56.51	608	35.52	7.83	12.98	18.55	4.87	17.43	5.82	2.95
				345.12	121.78	233.34	351.76	351.95	2.16	254.18	55.58
144	14.43	69.88	609	45.52	4.33	16.28	12.33	2.99	26.17	4.25	3.31
				347.53	117.44	235.55	343.37	388.37	351.83	267.19	27.38
145	11.81	82.89	606	58.51	5.73	18.28	11.56	4.65	26.94	1.28	5.51
				352.76	117.75	236.28	324.96	253.25	358.68	75.38	359.59

TABLE VII.- Continued

(a) Continued

TORSION 5% PERCENT RADIUS											
RUN NO 7											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
108	5.27	4.38	608	3.27	.92	.38	.32	.55	.85	.16	.19 AMP
				338.78	99.48	34.65	217.92	278.74	386.16	232.78	59.58 PHASE
109	3.53	4.49	608	3.38	.89	.21	.55	.69	.87	.13	.23 AMP
				348.83	93.66	28.45	213.95	249.58	278.87	223.41	42.79 PHASE
110	2.82	4.92	607	3.41	.96	.18	.68	.71	.22	.19	.25 AMP
				353.84	91.97	51.85	228.15	258.27	299.21	328.56	55.93 PHASE
111	.43	6.22	607	3.85	.99	.88	1.82	1.82	.38	.32	.29 AMP
				355.43	73.39	79.69	281.14	225.68	272.33	388.84	17.39 PHASE
112	-.96	7.54	606	4.32	1.11	.28	1.38	1.36	.42	.39	.44 AMP
				1.98	71.19	147.89	289.77	236.25	297.46	319.29	36.38 PHASE
113	-2.76	8.58	605	4.93	1.25	.46	1.78	1.42	.52	.52	.44 AMP
				3.16	63.83	153.81	288.24	235.82	293.35	316.48	16.56 PHASE
114	-4.37	9.55	603	5.64	1.45	.87	2.14	1.35	.64	.55	.55 AMP
				18.48	73.26	173.75	219.91	265.38	333.53	2.55	66.18 PHASE
115	-6.12	9.78	607	6.68	1.55	1.86	2.18	.92	.64	.67	.57 AMP
				6.29	62.65	173.59	286.91	254.63	297.81	299.83	4.54 PHASE
116	-8.52	12.88	604	8.27	1.78	1.35	2.35	1.14	1.51	1.34	.78 AMP
				.89	52.63	193.55	222.56	273.29	287.47	382.83	337.49 PHASE
117	-18.19	14.93	608	9.72	2.89	1.71	2.12	.97	1.14	1.38	.88 AMP
				1.28	57.13	215.69	251.47	339.27	388.84	313.94	351.28 PHASE
118	-11.58	16.54	608	18.92	2.26	2.81	1.82	.74	1.34	1.97	1.33 AMP
				358.18	56.84	224.63	261.82	4.78	277.35	299.15	339.38 PHASE
119	3.93	4.68	609	3.59	1.87	.29	.13	.49	.15	.16	.89 AMP
				331.17	181.86	36.35	232.98	318.68	328.21	244.58	88.85 PHASE
120	2.33	4.63	608	3.54	1.83	.28	.13	.41	.14	.18	.14 AMP
				346.73	189.12	69.89	219.82	337.12	353.87	256.81	92.84 PHASE
121	.71	4.49	608	3.68	1.86	.22	.38	.31	.18	.13	.26 AMP
				352.25	98.23	182.44	191.65	276.45	274.38	249.88	53.65 PHASE
122	-.84	5.36	608	4.88	1.85	.32	.71	.38	.28	.12	.26 AMP
				353.89	83.78	121.73	184.78	231.85	238.34	255.59	14.44 PHASE
123	-2.45	6.66	607	4.48	1.13	.68	1.12	.49	.36	.21	.23 AMP
				359.95	82.19	151.21	281.52	258.98	288.48	318.65	44.78 PHASE
124	-4.17	7.57	606	5.88	1.24	.86	1.42	.34	.19	.19	.12 AMP
				5.49	83.65	178.92	221.72	256.52	288.57	291.68	78.84 PHASE
125	-5.83	8.86	609	5.87	1.49	.99	1.66	.46	.33	.44	.22 AMP
				2.89	67.48	163.17	283.89	193.88	247.88	295.64	18.28 PHASE
126	-7.88	11.88	608	7.11	1.58	.98	1.55	.68	.84	.78	.18 AMP
				3.15	68.62	212.81	233.55	221.12	295.71	337.25	37.87 PHASE
127	-18.62	15.28	605	9.67	2.27	.98	1.72	1.24	1.94	1.27	.52 AMP
				1.87	56.98	227.24	272.35	323.12	2.85	45.45	112.36 PHASE
128	-12.29	16.98	607	11.61	2.98	1.62	2.86	1.78	1.83	1.81	.56 AMP
				355.74	54.17	222.34	283.95	358.28	3.86	32.18	73.82 PHASE
129	3.28	4.35	608	3.28	.82	.18	.48	.37	.15	.23	.13 AMP
				334.87	86.69	27.26	222.88	264.38	32.94	268.89	72.78 PHASE
130	1.91	4.48	609	3.45	.78	.87	.62	.56	.19	.19	.18 AMP
				347.27	89.35	88.79	222.77	282.87	17.69	277.24	81.79 PHASE
131	.38	5.15	608	3.82	.77	.15	.81	.78	.28	.23	.27 AMP
				354.95	88.48	141.18	215.53	275.33	336.79	382.52	71.88 PHASE
132	-1.28	6.76	609	4.31	.89	.34	1.14	1.25	.51	.36	.47 AMP
				357.72	63.81	155.82	282.81	248.88	294.79	288.23	27.89 PHASE
133	-2.78	8.85	608	4.89	.99	.68	1.55	1.65	.68	.34	.47 AMP
				3.48	68.73	165.31	287.84	257.48	311.62	384.78	38.92 PHASE
134	-4.47	9.27	608	5.68	1.18	.93	2.88	1.98	.72	.38	.56 AMP
				6.99	58.68	169.17	286.58	261.84	386.28	313.88	25.18 PHASE
135	-6.11	18.37	608	6.39	1.37	1.35	2.31	2.88	.89	.41	.63 AMP
				5.58	52.77	157.13	198.66	247.84	286.65	289.86	351.96 PHASE
136	-7.93	11.36	607	7.57	1.55	1.61	2.18	2.81	1.12	.54	.77 AMP
				7.87	54.83	174.56	218.27	288.27	388.33	279.28	334.49 PHASE
137	-18.13	14.67	608	9.41	1.84	1.88	1.94	2.15	1.37	1.88	1.23 AMP
				6.42	55.97	288.13	247.79	314.79	312.17	283.86	335.28 PHASE
138	-11.38	15.81	604	18.54	1.94	2.84	1.98	2.87	1.78	1.69	1.71 AMP
				2.48	58.37	214.55	266.97	311.83	285.79	277.68	328.39 PHASE
139	.72	4.21	608	3.44	.55	.11	.56	.44	.13	.11	.15 AMP
				352.53	88.78	88.43	213.47	269.93	15.79	263.42	64.29 PHASE
140	-.67	4.96	608	3.81	.59	.18	.78	.65	.22	.12	.19 AMP
				356.73	64.45	122.71	284.28	253.14	315.82	264.45	28.87 PHASE
141	-2.25	5.99	608	4.48	.64	.31	.95	.97	.31	.89	.21 AMP
				2.89	57.15	151.29	287.95	268.13	315.31	264.82	11.77 PHASE
142	-3.85	7.84	608	5.83	.76	.52	1.14	1.15	.38	.82	.21 AMP
				6.86	52.86	154.97	283.29	256.99	382.28	178.21	4.83 PHASE
143	-5.61	8.85	608	5.78	.91	.82	1.36	1.26	.48	.18	.23 AMP
				8.11	58.82	155.52	194.69	252.66	288.78	123.42	338.82 PHASE
144	-7.31	9.12	609	6.56	1.14	1.14	1.57	1.32	.65	.15	.38 AMP
				9.18	49.29	153.88	183.18	244.22	277.83	121.39	318.84 PHASE
145	-8.94	18.22	606	7.56	1.36	1.48	1.63	1.27	.88	.18	.46 AMP
				9.89	49.25	158.59	177.97	242.96	268.18	212.74	387.43 PHASE

TABLE VII.- Continued

(a) Continued

FLAPWISE 77 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
108	-3.61	16.03	608	9.11	4.13	1.52	1.63	1.95	.19	.50	1.84 AMP
109	-1.56	17.39	608	127.89	287.32	266.62	40.87	210.56	190.17	183.67	347.63 PHASE
110	.85	18.87	607	9.38	4.45	1.58	2.02	2.88	.29	.38	2.39 AMP
111	1.73	28.80	607	133.46	280.94	302.96	41.97	193.38	182.86	173.86	347.20 PHASE
112	3.32	23.52	606	9.32	5.29	2.13	2.35	1.54	.24	.32	1.68 AMP
113	5.38	25.47	605	14.21	284.24	327.14	56.34	203.50	220.52	271.98	11.35 PHASE
114	7.19	26.77	603	9.98	5.62	2.78	2.82	1.98	.30	.62	1.94 AMP
115	8.92	27.36	607	142.76	273.84	322.82	39.37	150.47	286.16	273.08	338.44 PHASE
116	10.43	31.75	604	18.62	6.48	3.41	2.96	2.94	.50	.85	2.59 AMP
117	11.47	34.29	608	148.04	276.56	332.13	49.96	156.83	233.11	292.95	2.45 PHASE
118	12.12	35.22	608	11.61	7.06	4.07	3.49	2.93	.66	1.19	2.67 AMP
119	-4.80	15.84	609	147.90	271.61	334.06	43.94	153.92	235.57	288.11	348.20 PHASE
120	-2.99	17.03	608	12.55	7.48	4.65	3.96	2.25	.94	.90	3.52 AMP
121	-1.20	17.14	608	154.22	282.59	355.77	68.97	182.64	269.11	341.74	43.36 PHASE
122	.72	18.51	608	14.06	7.95	4.79	4.36	.77	1.44	.79	3.21 AMP
123	2.69	19.85	607	150.70	276.66	345.85	49.62	186.99	233.26	256.27	7.44 PHASE
124	4.87	21.13	606	15.55	8.66	4.68	5.22	1.81	1.67	1.96	3.95 AMP
125	6.07	23.28	609	150.66	280.54	340.92	37.65	356.97	238.70	281.14	339.28 PHASE
126	8.09	25.98	608	16.98	8.50	4.15	5.99	3.07	1.38	2.18	4.21 AMP
127	10.67	28.46	605	152.01	286.96	352.93	47.62	15.45	251.35	299.70	5.08 PHASE
128	11.72	31.78	607	17.96	8.66	3.28	5.01	3.61	1.25	2.80	4.99 AMP
129	-2.96	15.85	608	140.98	284.00	347.20	38.97	200.24	241.17	295.68	334.25 PHASE
130	-1.19	17.05	609	9.94	5.28	1.48	.81	1.93	.11	.55	.89 AMP
131	.69	19.30	608	127.59	283.50	273.10	35.00	234.23	140.56	179.80	4.16 PHASE
132	2.48	23.05	609	9.85	6.17	1.43	1.12	1.59	.06	.37	1.34 AMP
133	4.41	25.47	608	139.56	291.47	327.19	50.74	262.52	220.22	210.39	26.03 PHASE
134	6.39	28.15	608	9.92	6.74	1.92	1.62	.90	.19	.26	1.69 AMP
135	8.46	30.77	608	142.53	283.79	340.04	44.48	260.75	186.99	126.42	355.42 PHASE
136	10.33	31.20	607	10.50	7.03	2.60	2.31	.40	.20	.06	1.04 AMP
137	12.00	32.04	608	141.50	273.19	342.00	36.12	295.84	189.21	155.11	326.79 PHASE
138	12.68	33.76	604	11.15	7.28	3.42	2.89	1.15	.47	.17	1.17 AMP
139	.66	14.78	608	146.68	270.99	2.22	53.31	334.63	228.14	267.15	25.53 PHASE
140	2.46	16.39	608	11.98	7.56	3.52	3.42	1.84	.45	.75	1.35 AMP
141	4.44	18.49	608	150.08	282.26	17.78	68.36	28.37	267.35	254.09	113.19 PHASE
142	6.48	20.32	608	12.95	7.50	3.75	3.99	2.34	.66	1.50	1.51 AMP
143	8.59	23.06	600	146.98	272.30	1.12	54.05	33.56	250.20	247.62	185.07 PHASE
144	10.80	25.36	609	14.36	8.31	2.91	5.01	3.71	.82	1.72	1.44 AMP
145	12.92	27.36	606	152.49	281.95	15.00	70.31	60.35	300.81	290.54	135.58 PHASE
				16.31	8.68	2.27	5.15	3.64	.85	.61	2.30 AMP
				155.92	297.66	24.63	80.09	71.13	335.94	307.39	137.92 PHASE
				18.00	8.33	2.04	5.92	5.03	.46	.73	2.67 AMP
				149.42	284.50	16.85	54.42	43.62	319.32	263.54	61.41 PHASE
				9.41	3.84	1.55	1.58	1.77	.17	.64	2.00 AMP
				128.60	288.77	294.24	54.01	217.32	182.92	192.97	355.00 PHASE
				9.67	4.37	2.11	1.84	2.47	.24	.45	2.35 AMP
				136.70	287.30	320.94	63.87	225.56	225.18	281.76	7.00 PHASE
				10.29	5.04	2.84	2.31	2.93	.25	.19	2.43 AMP
				141.35	283.74	332.52	61.10	212.36	236.20	169.81	359.98 PHASE
				10.96	5.88	3.75	2.96	3.97	.50	.25	3.40 AMP
				142.43	274.15	332.45	46.83	177.09	220.10	327.90	328.25 PHASE
				11.80	6.54	4.69	3.40	4.90	.55	.67	3.05 AMP
				147.57	275.91	342.76	56.56	178.39	242.00	346.13	335.97 PHASE
				12.88	7.17	5.48	4.17	5.51	.76	.91	4.54 AMP
				150.69	274.69	349.56	59.01	179.93	230.07	357.15	333.96 PHASE
				14.12	7.46	6.14	4.65	5.59	1.02	.85	4.95 AMP
				149.28	266.17	344.55	45.32	165.22	212.00	337.54	303.00 PHASE
				15.41	8.09	6.30	4.96	4.48	1.05	.49	4.94 AMP
				153.42	269.10	351.10	45.91	176.60	221.18	336.43	308.50 PHASE
				16.73	8.42	5.74	5.24	2.05	.86	1.20	5.74 AMP
				155.00	272.17	353.50	35.25	169.51	234.31	296.00	309.62 PHASE
				17.13	8.53	4.59	5.03	1.83	.49	.03	6.71 AMP
				153.03	271.39	337.31	15.09	113.39	204.61	290.62	295.40 PHASE
				9.39	3.73	2.24	1.57	1.90	.09	.42	1.49 AMP
				140.12	283.50	321.83	63.54	210.90	98.22	131.64	352.45 PHASE
				9.92	4.39	2.98	1.91	2.17	.13	.23	1.71 AMP
				141.73	275.30	324.87	49.03	183.03	130.02	61.79	313.46 PHASE
				10.76	5.05	3.73	2.25	3.02	.11	.49	1.95 AMP
				145.87	276.42	339.23	52.65	179.50	176.23	28.70	311.31 PHASE
				11.70	5.67	4.00	2.40	3.63	1.20	.87	1.99 AMP
				150.12	274.53	343.41	50.36	174.75	202.23	32.66	298.65 PHASE
				12.06	6.25	5.50	2.67	4.11	.36	1.00	2.31 AMP
				152.63	271.72	344.81	46.60	173.73	223.82	34.19	271.18 PHASE
				14.00	6.70	6.19	2.90	4.44	.66	1.30	2.11 AMP
				154.00	266.83	346.25	40.17	167.69	232.16	37.18	254.72 PHASE
				15.65	7.31	6.19	3.57	4.34	.95	1.13	3.09 AMP
				155.02	263.54	345.40	33.27	160.92	227.72	20.69	253.66 PHASE

TABLE VII.- Continued

(a) Continued

CHORDWISE 77 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
108	16.21	12.69	608	3.98	2.18	1.42	1.44	.55	1.58	.23	.77 AMP
109	16.98	14.35	608	153.46	285.91	269.92	27.93	389.69	216.86	289.68	337.86 PHASE
110	18.79	12.58	607	3.57	1.94	1.81	1.91	.44	2.88	.17	1.21 AMP
111	20.34	14.94	607	172.98	279.45	289.81	19.65	53.36	287.82	116.55	346.65 PHASE
112	21.86	19.36	606	2.82	1.85	1.78	2.34	1.35	1.14	.94	.84 AMP
113	21.97	21.25	605	195.56	285.83	318.88	22.23	321.67	277.88	346.78	52.58 PHASE
114	22.43	25.95	603	2.38	1.48	1.73	3.83	1.85	1.78	.97	1.97 AMP
115	22.52	27.92	607	216.47	271.98	292.66	357.87	358.48	336.52	343.74	18.71 PHASE
116	21.94	47.22	604	2.35	1.35	2.29	3.59	2.12	2.21	.69	1.18 AMP
117	21.27	40.11	608	244.29	278.89	291.59	.41	29.93	28.81	358.94	21.58 PHASE
118	20.85	50.49	608	2.84	1.89	2.98	4.44	3.87	5.13	1.99	1.69 AMP
119	18.98	11.98	609	278.28	261.12	275.21	344.87	23.86	37.18	246.88	1.74 PHASE
120	12.78	12.83	608	4.12	.73	3.96	5.39	3.88	6.69	3.36	3.84 AMP
121	14.38	15.89	608	384.23	267.42	285.52	359.13	47.73	88.97	287.99	29.97 PHASE
122	15.88	17.39	608	6.31	.72	5.84	6.95	3.49	4.66	4.45	2.66 AMP
123	17.28	19.21	607	314.84	266.61	268.22	333.29	359.92	29.54	271.63	9.28 PHASE
124	18.11	21.84	606	8.62	.94	7.88	7.66	5.29	11.18	2.96	2.56 AMP
125	18.66	29.95	609	328.68	281.82	264.88	336.27	357.18	13.88	335.73	358.13 PHASE
126	18.87	37.76	608	18.88	.86	6.96	6.58	5.25	14.13	2.78	3.13 AMP
127	19.33	43.57	605	337.49	284.78	274.42	358.97	31.86	37.64	56.18	27.68 PHASE
128	18.39	42.72	607	11.86	1.36	6.82	4.11	4.87	15.62	4.53	2.35 AMP
129	11.34	12.19	608	337.62	253.23	263.58	346.68	58.61	43.28	85.15	4.51 PHASE
130	11.78	13.51	609	4.65	2.62	1.47	.78	1.87	.86	.24	.24 AMP
131	13.21	11.85	608	163.87	284.23	256.78	28.84	254.34	168.35	171.86	33.27 PHASE
132	15.48	15.65	609	3.84	2.51	1.54	.93	1.17	2.91	.57	.78 AMP
133	17.11	17.97	608	188.98	294.93	314.24	58.25	268.99	385.52	282.32	68.88 PHASE
134	18.77	21.97	608	3.32	1.96	1.58	1.43	1.37	4.86	.33	.52 AMP
135	19.84	28.45	608	288.91	283.35	338.78	24.56	283.36	324.16	48.12	39.45 PHASE
136	20.98	32.56	607	2.92	1.38	1.25	2.19	2.17	4.36	1.66	.88 AMP
137	21.68	39.98	608	232.84	259.54	328.22	357.87	384.86	323.86	48.89	318.66 PHASE
138	21.57	44.73	604	2.87	.72	1.58	3.18	3.52	5.11	1.35	1.28 AMP
139	13.87	18.95	608	268.52	232.64	316.51	2.81	342.97	348.36	112.93	351.45 PHASE
140	14.84	11.32	608	4.18	.71	2.36	4.85	4.18	4.99	2.18	1.59 AMP
141	16.22	13.99	608	383.99	288.57	295.72	1.91	14.48	354.57	244.21	21.13 PHASE
142	17.87	14.81	608	6.81	.61	4.88	5.37	4.59	7.88	2.28	1.25 AMP
143	19.63	28.31	608	312.19	174.75	273.44	335.56	348.96	327.11	253.27	349.73 PHASE
144	20.79	26.97	609	8.59	.55	5.51	6.84	6.44	18.94	1.53	.88 AMP
145	21.98	31.47	606	327.26	268.89	279.66	349.78	17.44	358.34	291.98	338.88 PHASE
				11.12	1.78	6.35	5.25	6.51	8.84	.16	.88 AMP
				337.22	323.83	289.79	1.15	46.86	57.38	132.79	278.83 PHASE
				12.99	1.17	6.47	4.22	6.52	18.81	3.37	.21 AMP
				337.59	313.54	271.32	337.92	35.21	58.63	186.96	381.91 PHASE
				4.83	2.83	1.58	1.53	.66	1.83	.52	.72 AMP
				144.57	285.63	295.36	38.31	318.61	165.76	249.78	8.15 PHASE
				3.63	2.83	2.21	2.84	.68	2.86	.24	.91 AMP
				162.84	286.32	386.93	37.87	236.31	215.13	273.95	28.63 PHASE
				2.68	1.81	2.48	2.73	1.48	1.22	.57	.77 AMP
				184.53	284.81	316.33	24.65	259.41	353.48	342.88	59.24 PHASE
				1.74	1.68	2.65	3.66	.58	2.35	.69	.99 AMP
				288.18	269.82	388.92	6.17	286.21	32.67	159.85	4.58 PHASE
				1.68	1.61	3.54	4.58	.69	5.12	1.83	1.13 AMP
				256.41	268.85	388.58	9.88	47.39	48.29	221.87	8.92 PHASE
				2.41	1.48	4.57	5.61	1.41	7.75	3.84	1.77 AMP
				297.12	265.43	295.14	6.86	53.75	46.42	253.48	5.73 PHASE
				3.98	1.84	5.55	6.55	1.68	11.83	4.11	2.87 AMP
				389.38	258.24	281.14	348.84	45.11	27.66	243.38	348.33 PHASE
				6.24	.48	6.41	6.62	2.85	11.43	3.95	2.58 AMP
				325.57	238.78	277.49	354.87	91.66	43.21	384.78	1.42 PHASE
				9.82	.62	6.42	5.84	3.68	12.41	4.23	2.78 AMP
				338.38	159.69	272.66	6.62	119.98	58.98	58.98	11.29 PHASE
				18.35	.99	6.75	2.74	4.62	11.26	7.73	3.93 AMP
				343.88	181.45	252.48	13.53	114.99	56.66	75.18	339.41 PHASE
				2.76	1.65	2.88	2.22	1.28	2.38	.64	.75 AMP
				162.16	284.24	387.28	35.87	266.87	293.15	68.79	48.39 PHASE
				1.63	1.61	2.23	2.86	.86	2.86	1.81	.31 AMP
				179.91	273.47	297.13	18.76	281.69	341.29	188.88	3.35 PHASE
				.87	1.67	2.89	3.68	.48	3.78	1.41	.72 AMP
				237.86	274.93	297.48	18.77	353.38	13.94	197.61	344.21 PHASE
				1.68	1.77	3.85	4.37	.59	4.68	2.88	.73 AMP
				297.81	273.66	293.54	11.59	92.58	21.53	228.28	332.55 PHASE
				3.14	1.76	5.18	5.48	.91	6.51	1.97	.92 AMP
				313.71	277.49	287.87	2.57	135.88	359.47	248.83	386.44 PHASE
				4.98	1.66	6.12	6.28	1.33	9.91	1.14	1.58 AMP
				321.59	278.78	281.88	352.86	168.68	346.88	273.28	288.94 PHASE
				7.11	1.45	6.57	6.11	1.98	18.25	1.15	2.82 AMP
				333.19	277.42	272.85	348.76	178.57	355.38	59.84	296.87 PHASE

TABLE VII.- Continued

(a) Continued

TORSION 75 PERCENT RADIUS												
RUN NO 7			S									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
108	1.07	3.46	608	2.05 315.99	.93 98.52	.29 47.24	.21 244.57	.29 278.18	.06 24.82	.16 343.03	.18 149.43	AMP PHASE
109	.34	3.54	608	2.04 329.63	.89 97.57	.19 48.26	.34 231.15	.37 262.51	.08 7.10	.13 9.77	.27 141.52	AMP PHASE
110	-1.05	3.53	607	2.10 340.59	.93 99.02	.17 66.71	.30 238.04	.32 272.94	.10 2.77	.14 37.19	.17 146.67	AMP PHASE
111	-2.48	4.21	607	2.47 352.87	.86 86.42	.12 78.27	.57 210.49	.40 237.43	.12 324.24	.16 8.25	.21 113.87	AMP PHASE
112	-3.69	4.93	606	2.86 3.60	.87 86.64	.21 123.54	.76 216.96	.68 244.44	.20 333.47	.17 31.32	.25 141.08	AMP PHASE
113	-5.29	6.04	605	3.38 3.27	.95 80.14	.36 138.12	1.01 202.15	.81 239.76	.30 320.55	.24 24.64	.33 123.22	AMP PHASE
114	-6.65	7.01	603	3.08 11.32	.99 93.22	.60 150.34	1.24 216.98	.84 263.22	.37 351.93	.27 60.22	.49 172.77	AMP PHASE
115	-8.11	7.66	607	4.57 8.79	1.04 92.60	1.30 140.46	1.38 198.64	.66 243.30	.33 341.35	.15 51.80	.52 156.59	AMP PHASE
116	-9.66	9.09	604	5.52 5.07	1.02 95.86	.85 155.16	1.52 204.65	.69 238.52	.52 285.20	.22 304.77	.37 134.99	AMP PHASE
117	-10.64	9.67	608	6.19 6.98	1.16 102.04	1.02 166.02	1.62 219.41	.55 264.76	.46 299.87	.24 275.33	.35 192.66	AMP PHASE
118	-11.15	10.37	608	6.57 3.37	1.08 96.63	.89 161.74	1.52 215.53	.40 262.20	.36 263.47	.61 244.42	.15 221.05	AMP PHASE
119	.92	3.64	609	2.29 316.93	1.17 95.09	.26 28.53	.16 292.61	.29 321.14	.11 350.83	.17 341.48	.08 184.78	AMP PHASE
120	-.53	3.53	608	2.23 336.00	1.18 106.91	.16 37.14	.25 291.52	.14 346.77	.16 14.21	.09 5.81	.11 193.81	AMP PHASE
121	-2.00	3.52	608	2.35 346.35	1.16 99.09	.07 40.31	.19 240.20	.16 300.98	.14 339.94	.11 307.40	.11 135.59	AMP PHASE
122	-3.44	3.94	608	2.64 349.15	1.09 87.37	.08 121.19	.38 207.10	.21 240.64	.15 293.04	.12 203.63	.15 112.64	AMP PHASE
123	-4.86	4.91	607	2.98 357.98	1.02 90.55	.22 165.73	.55 213.45	.25 253.36	.15 312.46	.11 346.60	.11 139.32	AMP PHASE
124	-6.34	6.33	606	3.42 5.30	.99 94.75	.40 183.15	.00 223.05	.30 262.30	.23 353.36	.14 63.35	.14 240.71	AMP PHASE
125	-7.68	6.64	609	3.88 4.68	1.01 85.81	.52 161.86	.91 201.43	.31 207.70	.00 336.64	.15 46.99	.05 275.12	AMP PHASE
126	-8.93	7.55	608	4.52 11.55	1.09 103.22	.59 183.85	1.12 216.73	.66 203.21	.34 247.31	.07 357.87	.10 251.20	AMP PHASE
127	-10.55	9.84	605	5.93 11.05	1.29 105.66	.70 183.68	1.35 246.20	.00 275.55	.83 331.55	.55 19.09	.22 330.09	AMP PHASE
128	-11.30	10.73	607	6.50 3.78	1.32 87.50	.72 172.17	1.38 237.42	.67 291.46	.00 329.29	.46 355.19	.27 259.25	AMP PHASE
129	.70	2.47	608	2.01 317.24	.84 93.88	.23 64.33	.29 247.55	.24 262.43	.13 64.13	.19 359.90	.21 150.14	AMP PHASE
130	-.56	3.54	609	2.04 334.84	.82 100.44	.18 93.05	.40 246.16	.31 284.09	.16 61.56	.16 18.32	.25 166.40	AMP PHASE
131	-1.94	3.07	608	2.30 347.79	.77 98.37	.18 111.79	.51 235.79	.40 279.48	.16 36.46	.13 6.01	.27 140.07	AMP PHASE
132	-3.37	4.90	609	2.67 353.98	.76 85.20	.27 128.55	.77 215.37	.63 251.29	.20 342.70	.13 335.66	.36 105.52	AMP PHASE
133	-4.00	5.86	608	3.13 1.62	.78 83.15	.44 144.83	.99 215.53	.85 250.35	.31 340.45	.08 3.66	.43 122.81	AMP PHASE
134	-6.32	6.01	608	3.72 6.37	.85 80.05	.63 154.34	1.30 211.25	1.05 260.47	.41 341.05	.10 7.36	.54 124.21	AMP PHASE
135	-7.75	7.02	608	4.33 5.53	.89 74.07	.85 146.41	1.52 192.74	1.12 241.00	.50 313.42	.14 324.53	.59 93.85	AMP PHASE
136	-9.28	8.98	607	5.20 6.82	.86 75.01	.89 159.49	1.54 207.14	1.11 269.44	.70 334.04	.14 336.87	.52 100.59	AMP PHASE
137	-10.94	9.90	608	6.36 6.07	.81 72.03	.86 177.04	1.49 220.00	1.22 302.02	.77 340.23	.10 261.69	.32 101.44	AMP PHASE
138	-11.63	10.21	604	6.85 1.83	.74 59.40	.61 176.67	1.44 230.40	1.40 297.33	.80 322.55	.32 240.20	.26 81.50	AMP PHASE
139	-1.55	2.96	608	1.98 344.08	.60 97.89	.14 100.57	.34 234.31	.21 271.42	.09 49.64	.08 346.21	.15 141.74	AMP PHASE
140	-2.00	3.20	608	2.24 352.82	.55 87.62	.17 116.11	.46 217.46	.30 254.70	.11 345.73	.05 304.14	.18 92.70	AMP PHASE
141	-4.22	4.05	608	2.72 1.30	.54 83.00	.26 142.73	.63 215.01	.45 260.93	.20 336.81	.03 202.34	.24 96.17	AMP PHASE
142	-5.64	4.73	608	3.24 5.95	.59 73.16	.41 146.96	.78 207.11	.55 250.27	.20 324.76	.06 222.66	.26 92.05	AMP PHASE
143	-7.27	5.50	606	3.69 8.45	.56 75.37	.61 147.61	.98 197.90	.60 253.70	.34 313.60	.11 204.97	.30 75.05	AMP PHASE
144	-8.79	6.37	609	4.55 9.71	.75 70.82	.79 146.41	1.16 186.60	.59 242.49	.36 299.91	.39 211.96	.39 59.43	AMP PHASE
145	-10.15	7.30	606	5.27 10.14	.73 71.42	.84 145.04	1.24 178.50	.55 235.96	.42 206.44	.26 226.36	.36 50.68	AMP PHASE

TABLE VII.- Continued

(a) Concluded

PITCH LINK											
RUN NO 7											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
108	-4.68	5.62	608	4.14	.84	.38	.41	.57	.29	.47	.37 AMP
109	-3.84	5.98	608	162.97	282.43	244.82	21.48	112.87	76.68	38.67	178.45 PHASE
110	-1.77	7.81	607	4.48	.84	.19	.73	.79	.35	.44	.61 AMP
111	-.37	9.28	607	177.57	268.28	232.23	24.95	78.22	62.52	32.33	158.88 PHASE
112	.87	18.79	605	4.98	1.84	.39	.97	.88	.54	.44	.42 AMP
113	2.47	12.38	605	181.23	268.56	248.93	29.34	78.89	86.14	93.52	174.86 PHASE
114	4.84	15.85	603	5.74	1.25	.43	1.48	1.77	.51	.51	.51 AMP
115	5.98	17.19	607	182.82	241.53	255.72	15.32	49.79	69.85	84.57	135.79 PHASE
116	8.26	21.73	604	6.56	1.49	.57	1.72	1.96	.81	.72	.72 AMP
117	9.98	26.51	608	198.18	241.24	387.74	24.98	67.88	87.84	183.46	169.12 PHASE
118	11.87	31.85	608	7.88	1.92	1.84	2.23	1.98	.85	.81	.93 AMP
119	-4.78	6.61	609	198.16	235.31	317.29	22.49	64.34	82.85	188.58	151.32 PHASE
120	-3.27	6.73	608	9.49	2.48	1.75	2.82	1.95	.78	.88	1.28 AMP
121	-1.72	7.26	608	195.78	243.35	358.18	49.43	95.95	138.89	145.16	199.37 PHASE
122	-.18	8.77	608	11.57	2.69	2.43	2.81	1.35	1.87	1.28	1.61 AMP
123	1.47	11.83	607	191.47	237.65	7.24	45.83	75.81	84.69	114.52	165.81 PHASE
124	3.52	14.33	606	14.93	2.59	3.11	2.78	2.88	2.89	2.16	1.88 AMP
125	5.42	16.48	609	188.39	235.19	26.47	51.92	59.87	184.83	118.64	128.36 PHASE
126	7.76	19.34	608	17.16	2.82	3.59	2.68	1.25	1.53	2.18	2.18 AMP
127	18.64	28.18	605	188.68	235.67	43.43	74.81	73.85	138.24	125.45	146.25 PHASE
128	12.44	31.52	607	19.88	3.12	4.25	2.25	.91	1.48	3.13	3.13 AMP
129	-3.49	5.66	608	186.31	232.43	43.13	79.95	38.68	188.25	113.95	132.62 PHASE
130	-2.26	6.18	609	4.51	.85	.48	.12	.59	.28	.44	.18 AMP
131	-.95	7.18	608	178.18	287.27	269.22	11.96	158.65	188.28	38.81	233.34 PHASE
132	.46	9.28	609	4.76	.95	.55	.23	.42	.27	.44	.23 AMP
133	1.94	11.87	608	179.33	284.58	283.86	15.84	165.75	137.87	61.87	228.92 PHASE
134	3.46	12.51	608	5.36	1.14	.75	.59	.42	.29	.24	.24 AMP
135	5.88	15.65	608	182.86	267.68	285.87	5.81	78.87	87.67	22.75	181.15 PHASE
136	6.96	19.82	607	6.15	1.45	.91	.99	.68	.34	.13	.39 AMP
137	9.13	25.38	608	181.32	253.91	298.28	13.77	47.41	52.88	338.42	151.37 PHASE
138	18.29	27.78	604	7.51	1.83	1.38	1.51	.64	.33	.15	.38 AMP
139	-8.66	6.42	608	185.28	256.28	325.56	36.67	64.57	96.53	63.26	219.78 PHASE
140	.36	6.54	608	9.37	2.14	1.63	1.69	.52	.45	.55	.57 AMP
141	1.74	8.12	608	189.46	264.86	6.58	71.53	38.81	44.26	93.33	292.34 PHASE
142	3.18	9.35	608	11.39	2.48	1.66	1.68	1.38	.92	1.88	.57 AMP
143	4.63	11.54	608	186.11	255.05	5.88	51.28	3.82	58.12	98.29	291.13 PHASE
144	6.28	13.97	609	14.18	2.28	1.92	1.51	2.41	1.58	1.29	.31 AMP
145	7.99	17.88	606	189.32	256.58	54.64	68.45	48.67	115.64	123.83	2.83 PHASE
				17.91	2.35	1.77	2.73	2.62	2.62	1.58	1.84 AMP
				198.83	243.25	69.94	85.98	99.27	182.55	284.62	294.59 PHASE
				28.63	3.21	3.83	2.86	1.61	2.76	1.81	1.24 AMP
				183.48	235.17	54.18	95.31	187.76	191.77	188.78	224.88 PHASE
				4.83	.65	.12	.54	.47	.18	.56	.45 AMP
				171.66	259.88	248.85	48.68	112.87	133.48	48.88	162.74 PHASE
				4.53	.61	.12	.75	.73	.36	.49	.59 AMP
				182.65	259.88	252.87	38.84	122.14	138.84	67.78	171.38 PHASE
				4.86	.69	.16	1.85	1.15	.62	.35	.63 AMP
				189.46	246.45	387.38	38.51	111.59	123.38	88.21	168.93 PHASE
				5.86	1.86	.43	1.36	1.83	.96	.43	.87 AMP
				186.83	224.68	329.69	15.34	85.87	97.87	96.52	133.58 PHASE
				6.98	1.17	.82	1.87	2.38	1.88	.68	1.21 AMP
				192.84	229.11	358.89	23.98	96.66	187.38	121.72	148.57 PHASE
				8.23	1.47	1.48	2.34	2.75	1.33	.61	1.68 AMP
				194.43	229.75	347.58	24.63	99.87	184.88	133.21	149.12 PHASE
				9.83	2.85	2.31	2.81	3.82	1.55	.63	1.89 AMP
				193.15	225.94	335.52	12.18	85.12	86.64	116.83	119.38 PHASE
				12.24	2.67	3.14	2.68	3.11	1.65	.77	2.35 AMP
				195.27	231.44	357.11	33.63	187.17	186.18	114.92	123.91 PHASE
				15.78	3.21	4.87	2.25	3.84	1.77	1.38	3.88 AMP
				195.13	235.56	18.51	68.68	122.72	119.45	116.97	126.42 PHASE
				17.93	3.46	4.89	1.71	2.52	1.97	2.35	4.85 AMP
				191.84	226.89	22.24	73.67	187.78	94.48	182.21	114.56 PHASE
				4.21	.45	.88	.71	.72	.22	.24	.37 AMP
				188.77	241.82	287.67	38.49	112.42	118.16	28.92	152.98 PHASE
				5.82	.55	.14	.82	1.88	.39	.13	.42 AMP
				189.27	225.82	328.26	22.82	98.81	181.87	76.46	118.38 PHASE
				5.99	.64	.52	1.86	1.55	.42	.13	.57 AMP
				194.21	216.28	342.43	25.45	98.13	185.96	133.25	114.18 PHASE
				7.87	.87	.87	1.25	1.83	.56	.22	.65 AMP
				196.88	216.43	341.48	22.12	95.43	92.68	282.99	186.19 PHASE
				8.44	1.38	1.41	1.47	2.86	.76	.48	.78 AMP
				196.83	214.87	343.22	14.94	98.27	82.78	214.55	84.18 PHASE
				18.17	1.72	1.98	1.67	2.32	1.86	.68	1.85 AMP
				197.15	218.88	345.96	3.19	88.73	79.97	218.18	76.84 PHASE
				12.87	2.19	2.64	1.93	2.64	1.38	.58	1.34 AMP
				197.87	225.72	351.72	357.19	73.93	76.85	193.98	88.96 PHASE

TABLE VII.- Continued

(b)  $\mu = 0.30$ ;  $M_T = 0.62$ 

PT.	A1	M1	THETA	CL/SIGMA	CD/SIGMA	CQ/SIGMA
156	-0.8	4.0	4.0	.02478	-.00321	.00257
157	-1.1	5.4	6.0	.03561	-.00538	.00340
158	-1.4	6.6	8.0	.04716	-.00772	.00429
159	-1.9	7.6	10.1	.05977	-.01026	.00530
160	-2.5	8.2	11.9	.07070	-.01237	.00629
161	-3.2	9.2	13.8	.08076	-.01462	.00742
162	-3.3	9.8	15.1	.08819	-.01604	.00821
163	-3.7	10.3	15.9	.09181	-.01696	.00891
164	-.7	4.4	2.0	.02788	-.00162	.00210
165	-1.3	5.2	4.0	.04109	-.00284	.00261
166	-1.4	6.5	5.9	.05173	-.00408	.00322
167	-1.7	7.4	8.1	.06324	-.00536	.00397
168	-2.3	8.2	9.8	.07489	-.00666	.00464
169	-3.1	9.2	11.9	.08664	-.00843	.00568
170	-3.6	10.5	14.0	.09640	-.01019	.00705
171	-3.8	10.8	14.9	.10130	-.01067	.00764
172	-4.3	11.5	16.0	.10493	-.01168	.00862
173	-1.1	3.9	.1	.03363	.00075	.00139
174	-1.4	5.2	2.2	.04621	.00045	.00167
175	-1.6	6.2	3.9	.05648	.00023	.00198
176	-2.0	6.9	6.0	.06989	.00009	.00242
177	-2.4	8.1	8.0	.08046	-.00052	.00312
179	-2.8	9.0	9.9	.09113	-.00090	.00390
180	-3.4	10.0	11.8	.10184	-.00157	.00492
181	-4.3	11.2	13.8	.10858	-.00299	.00648
182	-4.8	12.3	15.0	.11684	-.00428	.00779

TABLE VII.- Continued

(b) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO		B									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
186	48.28	11.89	595	3.42	2.69	2.78	1.57	3.99	1.81	.89	.95 AMP
187	49.68	11.46	594	147.73	314.19	344.14	18.34	45.35	388.68	232.98	27.28 PHASE
188	51.16	12.81	595	3.95	2.78	3.31	3.73	3.81	.94	.77	.73 AMP
189	52.71	12.52	595	138.17	313.58	341.44	338.89	26.83	267.56	211.39	338.28 PHASE
190	54.89	12.82	594	4.42	3.13	3.54	.81	3.96	.75	.87	.87 AMP
191	55.37	13.53	594	133.75	321.15	346.15	322.83	28.33	277.33	227.78	335.22 PHASE
192	56.19	13.63	594	4.84	3.48	3.65	1.13	4.38	.82	.66	.66 AMP
193	56.73	13.64	594	125.64	338.41	351.68	315.88	35.86	256.92	289.98	341.18 PHASE
194	56.87	13.65	594	5.19	3.71	3.72	1.38	4.29	.82	.69	.53 AMP
195	56.99	13.66	594	118.56	348.47	361.26	323.92	57.64	268.12	288.57	354.86 PHASE
196	57.13	13.67	594	5.88	3.84	3.81	1.76	4.26	.91	.86	.22 AMP
197	57.27	13.68	594	186.83	342.68	351.93	311.75	68.18	238.41	198.92	324.42 PHASE
198	57.41	13.69	594	6.48	3.99	3.99	1.88	3.77	.93	.88	.67 AMP
199	57.55	13.70	594	95.24	341.42	337.14	292.25	48.97	286.68	166.96	264.14 PHASE
200	57.69	13.71	594	6.91	4.85	3.14	2.88	3.67	1.14	1.18	.48 AMP
201	57.83	13.72	594	88.82	344.16	332.38	283.84	51.61	195.34	162.21	263.47 PHASE
202	57.97	13.73	594	4.37	3.33	1.98	.38	4.38	1.21	1.46	1.47 AMP
203	58.11	13.74	594	145.58	311.72	343.14	1.87	56.37	288.66	212.49	31.44 PHASE
204	58.25	13.75	594	4.54	3.68	2.68	.51	3.97	1.18	1.47	1.88 AMP
205	58.39	13.76	594	146.66	328.52	1.42	345.35	81.98	299.98	241.61	58.24 PHASE
206	58.53	13.77	594	4.89	3.76	2.98	.68	3.75	1.14	1.72	.86 AMP
207	58.67	13.78	594	144.52	326.83	18.26	317.34	88.31	385.54	244.45	52.78 PHASE
208	58.81	13.79	594	5.18	3.98	3.87	1.78	3.89	1.18	1.97	.82 AMP
209	58.95	13.80	594	136.15	325.86	5.75	291.64	65.41	277.75	225.82	19.79 PHASE
210	59.09	13.81	594	5.26	4.88	3.87	.94	3.89	1.17	1.91	.49 AMP
211	59.23	13.82	594	126.98	328.42	5.55	285.99	67.39	259.95	222.94	39.12 PHASE
212	59.37	13.83	594	5.62	3.84	2.96	1.12	3.93	1.18	1.91	.23 AMP
213	59.51	13.84	594	116.33	337.82	9.66	274.11	82.44	252.86	225.13	78.92 PHASE
214	59.65	13.85	594	6.27	4.82	2.78	1.61	3.78	1.58	2.25	.46 AMP
215	59.79	13.86	594	99.15	344.88	353.39	253.76	86.23	216.82	199.19	152.69 PHASE
216	59.93	13.87	594	6.83	4.36	2.48	1.91	3.68	1.92	2.72	1.84 AMP
217	60.07	13.88	594	89.24	344.18	338.42	238.81	181.81	282.52	196.21	158.44 PHASE
218	60.21	13.89	594	7.55	4.87	2.78	2.68	3.27	2.45	3.84	1.12 AMP
219	60.35	13.90	594	77.86	358.32	317.46	233.35	118.95	195.54	194.12	155.88 PHASE
220	60.49	13.91	594	5.15	3.72	1.32	.75	5.12	1.58	1.51	.63 AMP
221	60.63	13.92	594	147.88	316.86	12.96	59.57	74.27	333.88	255.93	93.12 PHASE
222	60.77	13.93	594	5.64	3.95	2.25	.74	5.28	1.13	1.69	.48 AMP
223	60.91	13.94	594	142.48	389.71	11.36	47.83	59.88	383.77	233.88	142.52 PHASE
224	61.05	13.95	594	5.86	4.16	2.52	.66	4.92	1.85	1.64	.36 AMP
225	61.19	13.96	594	141.54	311.93	19.26	61.54	63.45	385.42	235.18	176.62 PHASE
226	61.33	13.97	594	5.81	4.29	2.63	.45	4.57	1.88	1.87	.67 AMP
227	61.47	13.98	594	137.65	318.28	29.66	78.52	65.39	292.98	252.22	196.98 PHASE
228	61.61	13.99	594	6.85	4.44	2.65	1.33	4.12	1.86	1.75	1.24 AMP
229	61.75	14.00	594	131.46	322.35	28.91	97.95	79.47	266.22	251.43	188.87 PHASE
230	61.89	14.01	594	6.14	4.67	2.71	1.44	2.92	1.38	2.88	2.49 AMP
231	62.03	14.02	594	121.15	322.92	23.74	188.17	76.82	236.62	236.61	169.58 PHASE
232	62.17	14.03	594	6.42	4.91	2.29	.34	1.28	2.19	2.44	3.66 AMP
233	62.31	14.04	594	185.65	327.18	9.18	268.81	58.82	217.21	228.82	163.86 PHASE
234	62.45	14.05	594	7.13	5.48	2.33	1.42	1.85	2.45	2.86	4.17 AMP
235	62.59	14.06	594	87.84	334.67	313.85	256.28	252.12	213.35	213.84	175.48 PHASE
236	62.73	14.07	594	8.28	6.28	3.85	2.84	1.52	2.13	2.12	3.49 AMP
237	62.87	14.08	594	75.84	341.97	281.45	245.92	255.44	219.43	213.78	198.78 PHASE



TABLE VII.- Continued

(b) Continued

CHORDWISE 25 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
156	46.01	28.99	595	6.46	1.94	3.53	3.18	1.87	7.48	1.88	.56 AMP
157	46.98	33.45	594	382.80	119.87	217.71	58.75	354.29	327.54	313.88	98.83 PHASE
158	48.95	48.22	595	16.27	3.89	7.67	3.86	4.46	7.55	.88	.44 AMP
159	48.64	78.67	595	323.82	116.34	185.18	18.59	318.84	329.87	345.24	52.56 PHASE
160	48.48	87.49	594	28.21	5.88	11.66	5.75	4.38	6.63	1.86	.75 AMP
161	48.28	104.21	594	339.26	123.44	195.42	14.28	319.15	333.28	232.16	55.31 PHASE
162	47.58	121.35	594	41.47	5.97	19.55	7.52	3.99	6.94	2.41	1.87 AMP
163	47.57	128.42	594	348.16	133.19	218.94	17.89	321.82	331.88	279.68	63.86 PHASE
164	43.11	21.61	596	53.86	6.89	24.78	8.64	3.43	7.77	4.14	1.23 AMP
165	43.15	38.89	595	356.78	143.38	229.71	27.35	325.82	358.24	322.18	86.72 PHASE
166	43.07	44.85	595	67.33	7.11	38.58	18.18	3.88	8.82	5.15	1.44 AMP
167	42.61	67.33	595	357.32	141.83	238.98	11.66	281.18	352.89	329.81	88.62 PHASE
168	41.84	81.17	594	82.33	7.65	34.18	11.64	5.25	8.68	5.31	1.61 AMP
169	41.89	97.20	595	356.97	142.67	226.11	358.15	229.38	328.18	322.73	56.31 PHASE
170	40.37	119.45	595	98.29	8.21	35.57	12.96	6.42	18.16	5.45	1.78 AMP
171	40.27	127.59	595	356.68	148.28	225.68	337.96	228.45	332.66	327.56	55.29 PHASE
172	41.28	138.71	595	18.17	3.21	4.96	2.58	1.97	5.31	1.57	.75 AMP
173	40.49	29.83	595	279.71	187.53	237.58	54.85	11.61	281.46	331.44	33.31 PHASE
174	39.37	39.99	595	17.84	6.37	5.59	2.11	4.87	4.58	2.41	.66 AMP
175	38.42	45.38	594	388.19	118.58	228.77	25.84	321.14	13.38	11.75	113.75 PHASE
176	37.88	54.21	595	29.65	8.52	11.85	4.21	6.25	2.18	1.33	.74 AMP
177	35.43	69.18	594	328.74	129.11	211.84	19.32	344.61	324.36	42.39	185.48 PHASE
178	33.63	88.85	596	42.57	18.82	16.54	5.51	5.49	4.69	2.41	1.21 AMP
179	32.59	112.41	595	339.21	129.14	214.51	28.67	352.16	316.53	311.55	85.89 PHASE
180	34.28	129.62	595	52.17	18.62	28.82	6.28	5.92	6.12	4.22	1.22 AMP
181	36.49	144.11	594	345.55	132.83	221.86	28.29	358.94	338.45	321.37	84.65 PHASE
182				65.46	11.88	24.96	7.15	6.58	8.19	5.97	1.22 AMP
				349.25	135.25	233.99	33.18	354.38	.83	336.28	97.88 PHASE
				84.95	18.54	29.38	8.83	5.47	8.14	6.96	.83 AMP
				351.66	131.87	233.61	11.28	341.38	359.73	329.87	54.28 PHASE
				94.89	18.88	38.52	8.82	6.85	9.17	5.75	.34 AMP
				355.24	137.22	236.78	4.48	385.84	352.81	346.78	48.58 PHASE
				187.85	18.82	31.73	8.81	8.65	13.61	5.29	.38 AMP
				357.53	141.19	232.36	343.53	284.18	347.22	354.18	24.74 PHASE
				15.34	3.46	5.57	2.78	3.82	5.35	.96	.63 AMP
				273.19	111.83	262.28	66.83	35.35	284.47	26.28	96.21 PHASE
				24.29	6.68	5.64	1.48	3.41	8.48	2.28	.68 AMP
				295.32	186.11	248.13	38.85	387.94	316.22	342.83	88.54 PHASE
				32.77	8.96	6.94	3.48	6.41	5.81	2.61	.71 AMP
				318.39	116.68	222.45	6.59	318.84	316.78	8.47	56.87 PHASE
				43.19	11.17	11.86	5.88	6.69	6.72	3.81	1.11 AMP
				327.13	124.96	222.97	38.82	344.31	326.68	9.15	54.62 PHASE
				54.46	11.99	16.86	6.44	6.71	8.87	5.42	1.11 AMP
				335.19	128.32	231.33	35.97	354.37	1.52	354.81	63.58 PHASE
				65.97	13.85	19.64	6.19	8.81	12.62	6.85	.99 AMP
				341.24	138.33	234.87	29.58	353.18	6.49	331.54	6.65 PHASE
				79.88	14.31	22.82	7.26	8.64	15.53	9.14	1.88 AMP
				348.89	138.48	234.97	15.57	348.98	6.16	316.51	333.98 PHASE
				95.71	14.18	27.29	7.41	4.87	12.37	7.17	2.81 AMP
				353.61	132.76	235.27	348.56	388.86	13.12	334.28	351.66 PHASE
				189.18	14.47	28.21	6.17	3.48	18.87	2.98	1.63 AMP
				358.87	148.41	235.88	354.67	224.71	27.58	.47	334.98 PHASE

TABLE VII.- Continued

(b) Continued

TORSION 28 PERCENT RADIUS											
RUN NO		8									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
156	7.25	6.69	595	4.94	.33	.55	.96	1.14	.19	.36	.23
157	5.59	6.68	594	339.75	88.42	343.95	251.87	389.88	85.79	257.31	78.87
158	3.85	7.59	595	5.38	.25	.51	.97	1.87	.11	.27	.89
159	1.88	8.78	595	344.86	47.87	353.18	234.84	293.87	38.91	243.95	45.26
160	.15	18.15	594	6.16	.32	.36	1.17	1.27	.14	.47	.11
161	-1.64	12.88	594	358.95	21.11	359.31	242.96	291.98	9.84	249.37	28.73
162	-2.97	14.17	594	7.18	.36	.14	1.54	1.45	.88	247.81	185.58
163	-3.86	15.45	594	356.98	29.25	387.81	246.25	388.84	33.74	247.81	185.58
164	8.11	7.81	596	7.99	.42	.37	1.72	1.45	.15	.42	.89
165	6.38	7.35	595	4.73	58.38	233.53	261.82	326.37	185.25	265.99	254.47
166	4.49	8.82	595	9.17	.51	.84	1.93	1.53	.29	.45	.15
167	2.51	9.47	595	6.56	88.56	228.15	268.12	336.89	95.67	252.87	234.65
168	.84	11.19	594	18.36	.81	1.41	2.87	1.57	.48	.58	.28
169	-1.45	13.81	595	6.18	89.66	213.98	252.88	331.28	77.23	224.57	247.14
170	-3.99	18.15	595	11.28	1.15	1.76	2.18	1.76	.44	.51	.22
171	-5.53	28.61	595	6.79	94.93	218.62	252.35	333.68	64.12	227.44	258.87
172	-7.29	23.18	595	5.41	.69	.55	1.85	1.82	.32	.52	.36
173	8.79	8.21	595	335.49	183.81	333.53	258.41	317.22	74.99	245.17	73.99
174	6.84	8.46	595	5.89	.51	.49	.97	.96	.28	.49	.21
175	5.16	9.86	594	346.53	92.46	358.88	262.92	347.33	186.47	288.57	124.26
176	2.91	18.63	595	6.68	.53	.37	1.17	.85	.18	.65	.16
177	.78	13.42	594	353.35	73.97	358.82	262.31	348.58	68.82	278.28	182.64
178	-4.94	28.94	595	7.68	.68	.25	1.44	1.81	.19	.87	.18
179	-7.96	24.92	595	356.81	62.34	294.87	251.63	324.48	94.59	255.78	128.11
180	-1.81	16.88	596	8.56	.88	.55	1.67	1.16	.23	.77	.21
181	-4.94	28.94	595	.49	73.85	242.48	256.18	338.78	183.84	256.85	172.74
182	-18.31	38.68	594	18.28	1.26	1.26	1.81	1.33	.28	.64	.32
183	-7.96	24.92	595	6.44	96.75	233.58	267.76	.97	93.65	267.83	281.32
184	-18.31	38.68	594	12.75	2.14	2.28	2.81	1.64	.37	.68	.39
185	-18.31	38.68	594	7.49	181.62	227.22	267.78	355.52	356.54	261.44	284.49
186	-18.31	38.68	594	14.68	2.47	2.93	2.31	1.74	.92	.98	.58
187	-18.31	38.68	594	7.68	181.75	235.56	271.97	343.81	315.94	263.88	217.68
188	-18.31	38.68	594	16.91	3.82	3.23	2.48	1.73	1.34	1.27	.58
189	-18.31	38.68	594	6.41	91.61	242.57	278.88	335.26	384.91	263.63	288.99
190	-18.31	38.68	594	5.76	1.28	.68	1.16	1.29	.16	.56	.31
191	-18.31	38.68	594	337.96	126.27	27.84	299.97	333.89	63.93	269.28	172.23
192	-18.31	38.68	594	6.19	1.82	.78	.94	1.45	.88	.64	.38
193	-18.31	38.68	594	341.31	186.75	38.12	276.83	311.36	154.88	268.44	178.86
194	-18.31	38.68	594	6.78	1.83	.69	1.85	1.27	.16	.63	.43
195	-18.31	38.68	594	347.87	92.72	32.47	269.79	316.57	282.91	249.13	193.66
196	-18.31	38.68	594	7.88	1.38	.29	1.36	1.36	.28	.71	.46
197	-18.31	38.68	594	354.71	88.64	38.18	277.45	316.12	223.62	265.73	211.19
198	-18.31	38.68	594	9.33	1.67	.32	1.79	1.46	.19	.55	.63
199	-18.31	38.68	594	359.76	92.68	261.11	278.22	332.48	336.88	283.73	288.69
200	-18.31	38.68	594	11.58	2.27	1.86	2.88	1.73	.49	.55	.94
201	-18.31	38.68	594	2.66	97.21	247.73	272.95	315.68	348.86	288.35	191.45
202	-18.31	38.68	594	14.73	2.77	2.89	2.76	2.59	.96	.94	1.21
203	-18.31	38.68	594	3.85	99.85	254.99	271.81	297.71	326.57	275.16	193.78
204	-18.31	38.68	594	18.15	2.77	3.48	3.15	3.19	1.83	1.66	.91
205	-18.31	38.68	594	2.78	98.81	273.34	278.78	295.19	314.94	282.94	216.86
206	-18.31	38.68	594	21.88	2.28	5.11	3.14	4.77	4.18	3.88	1.48
207	-18.31	38.68	594	3.35	86.61	285.56	288.87	282.87	388.94	386.98	389.79

TABLE VII.- Continued

(b) Continued

FLAPWISE 37 PERCENT RADIUS											
RUN NO		8									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
156	34.89	11.96	595	6.6#	3.34	3.48	.35	2.37	.29	.25	.3# AMP
				136.19	319.84	358.96	331.64	46.67	223.69	215.99	196.49 PHASE
157	36.12	12.7#	594	7.5#	3.61	4.38	.44	2.12	.4#	.20	.32 AMP
				133.91	314.57	345.7#	323.25	28.9#	238.71	195.34	142.17 PHASE
158	37.36	14.89	595	8.56	4.12	4.8#	.46	2.25	.3#	.35	.27 AMP
				135.19	316.52	351.42	322.31	28.82	226.13	186.23	147.74 PHASE
159	38.64	15.18	595	9.62	4.65	5.22	.58	2.46	.32	.39	.3# AMP
				136.16	320.81	351.1#	323.74	33.7#	213.99	210.74	148.98 PHASE
160	39.79	15.96	594	10.37	5.85	5.65	.69	2.49	.33	.43	.25 AMP
				139.32	326.4#	351.81	336.84	55.56	217.64	271.29	172.3# PHASE
161	40.92	17.1#	594	11.3#	5.37	5.87	.81	2.48	.41	.40	.1# AMP
				136.8#	323.12	351.85	328.1#	58.28	2#3.97	282.12	148.74 PHASE
162	41.7#	17.3#	594	11.9#	5.67	5.79	.66	2.19	.41	.45	.22 AMP
				133.12	318.53	2.24	3#2.91	45.36	168.16	269.64	79.6# PHASE
163	42.19	17.86	594	12.18	5.77	5.72	.65	2.12	.49	.37	.19 AMP
				131.41	318.23	1.22	286.87	48.56	165.14	268.12	65.78 PHASE
164	33.7#	13.42	596	7.75	4.88	3.8#	.29	2.48	.36	.25	.42 AMP
				133.77	314.11	351.88	383.54	56.41	241.97	188.33	194.16 PHASE
165	34.84	14.86	595	8.58	4.54	3.89	.4#	2.15	.43	.3#	.32 AMP
				138.99	321.44	4.87	317.1#	83.69	252.42	215.32	2#3.67 PHASE
166	36.19	15.43	595	9.41	4.85	4.35	.4#	1.91	.5#	.24	.20 AMP
				148.31	322.38	11.21	313.84	78.87	252.46	2#2.83	197.61 PHASE
167	37.37	16.64	595	10.38	5.23	4.72	.35	1.97	.56	.27	.31 AMP
				138.59	317.39	8.27	287.25	62.59	233.89	196.52	178.53 PHASE
168	38.27	16.8#	594	10.96	5.37	4.96	.36	1.86	.61	.27	.3# AMP
				136.77	315.95	10.65	283.11	67.83	221.41	222.81	171.37 PHASE
169	39.38	17.81	595	11.59	5.23	5.16	.39	1.79	.54	.29	.17 AMP
				136.29	317.82	17.41	258.92	85.7#	15.43	252.82	169.93 PHASE
170	40.38	18.65	595	12.23	5.31	5.23	.64	1.68	.78	.33	.80 AMP
				138.95	315.8#	18.58	216.55	95.91	185.17	275.66	34.89 PHASE
171	40.69	18.23	595	12.15	5.73	4.65	1.89	1.9#	.95	.19	.25 AMP
				128.78	313.69	8.32	195.94	116.55	75.78	296.40	11.13 PHASE
172	41.1#	17.93	595	12.14	6.8#	4.43	1.49	1.8#	1.86	.86	.22 AMP
				124.72	316.18	355.13	198.33	132.83	172.85	311.25	8.86 PHASE
173	32.3#	14.45	595	8.92	4.52	2.4#	.83	2.89	.33	.28	.27 AMP
				139.37	317.69	9.34	298.23	79.52	332.92	219.6#	239.25 PHASE
174	33.49	16.89	595	9.85	4.92	3.55	.14	3.88	.28	.2#	.83 AMP
				137.15	318.5#	2.27	67.24	65.27	288.19	181.92	2#3.24 PHASE
175	34.45	16.76	594	10.57	5.19	3.68	.35	2.9#	.17	.89	.89 AMP
				137.64	318.34	7.28	183.16	78.91	281.82	191.86	185.15 PHASE
176	35.45	16.79	595	11.29	5.55	4.8#	.51	2.59	.37	.20	.87 AMP
				138.92	311.98	18.24	113.81	78.53	258.14	179.99	38.95 PHASE
177	36.37	17.84	594	11.97	5.85	4.28	.62	2.3#	.41	.34	.14 AMP
				137.79	312.49	23.1#	123.85	85.38	218.21	199.58	38.33 PHASE
179	37.11	18.45	596	12.49	6.28	4.56	.58	1.74	.59	.36	.46 AMP
				134.43	318.84	21.86	122.67	88.57	195.87	285.94	351.93 PHASE
180	37.84	18.32	595	12.87	6.91	4.49	.57	.81	.84	.33	.84 AMP
				138.53	389.72	15.59	128.71	68.58	177.37	2#1.52	342.88 PHASE
181	38.62	18.22	595	12.83	7.8#	3.78	.69	.62	1.8#	.29	.97 AMP
				127.1#	318.54	352.61	194.5#	271.47	188.19	183.91	5.67 PHASE
182	39.11	20.1#	594	12.43	9.2#	3.55	1.21	.85	1.15	.58	.84 AMP
				125.21	314.8#	324.36	214.16	285.38	158.72	159.29	44.71 PHASE

TABLE VII.- Continued

(b) Continued

CHORDWISE 37 PERCENT RADIUS											
RUN NO		8									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
156	24.47	22.9#	595	5.96	1.8#	2.65	4.66	2.57	11.1#	2.86	1.84 AMP
				297.94	122.58	239.92	41.58	14.85	323.46	334.72	121.47 PHASE
157	24.77	29.25	594	12.74	3.27	5.22	5.82	4.74	11.3#	1.73	.93 AMP
				317.2#	116.24	281.51	17.43	319.88	324.76	353.14	186.8# PHASE
158	25.25	38.58	595	21.19	4.47	9.45	7.86	5.87	9.69	2.86	1.17 AMP
				332.59	123.13	288.83	17.9#	328.8#	328.84	212.33	112.58 PHASE
159	25.12	57.65	595	38.6#	5.38	14.16	9.85	4.9#	18.27	4.91	1.24 AMP
				348.9#	129.35	224.12	19.88	335.38	327.58	268.11	182.94 PHASE
160	24.54	72.71	594	39.24	5.49	18.82	11.49	4.23	11.21	7.87	1.57 AMP
				349.1#	139.83	241.73	38.91	346.81	354.4#	385.65	118.68 PHASE
161	23.23	85.73	594	49.94	6.46	24.84	13.72	3.23	11.39	9.63	1.78 AMP
				349.9#	136.44	242.36	17.46	384.74	349.54	314.24	88.67 PHASE
162	21.83	97.54	594	68.75	7.17	27.55	15.2#	4.8#	11.77	9.62	2.34 AMP
				349.75	136.13	236.44	358.82	233.39	326.28	388.69	51.17 PHASE
163	21.16	182.81	594	66.7#	7.75	29.85	16.24	5.26	13.85	9.69	2.18 AMP
				349.53	139.84	235.95	348.61	219.73	338.48	315.86	46.87 PHASE
164	21.73	22.78	596	9.2#	2.77	3.97	3.75	3.13	8.28	2.86	2.94 AMP
				278.47	181.47	247.8#	41.82	26.48	277.45	337.37	118.12 PHASE
165	21.72	38.22	595	14.97	4.99	4.36	4.15	3.61	7.88	4.56	1.29 AMP
				382.78	114.47	237.89	28.67	333.32	4.36	15.86	149.85 PHASE
166	21.14	33.83	595	23.12	6.7#	8.81	6.26	6.61	3.51	2.95	1.17 AMP
				321.99	124.43	225.17	25.78	358.66	326.55	59.74	138.45 PHASE
167	19.98	54.37	595	32.58	8.3#	12.29	8.89	6.74	7.39	2.98	2.13 AMP
				331.98	125.42	227.82	22.44	357.9#	313.16	388.37	188.85 PHASE
168	18.63	86.66	594	48.87	9.51	16.88	9.24	7.14	9.76	8.88	1.94 AMP
				336.67	128.7#	234.98	27.95	364.79	329.33	313.15	96.13 PHASE
169	16.68	78.67	595	58.61	18.73	28.31	18.63	7.93	12.41	9.68	1.85 AMP
				342.62	132.57	248.6#	31.78	355.13	31.56	327.52	95.88 PHASE
170	14.63	96.67	695	65.66	11.53	25.18	12.84	6.62	11.87	12.88	1.82 AMP
				345.44	129.97	246.98	14.54	338.58	359.63	328.42	29.49 PHASE
171	13.77	188.62	595	72.85	12.77	27.84	11.54	7.83	12.65	18.52	1.97 AMP
				349.36	135.43	248.51	11.8#	299.93	351.94	342.1#	8.84 PHASE
172	13.99	112.15	595	81.44	13.79	29.82	11.2#	18.72	18.93	9.74	1.76 AMP
				352.13	148.46	243.49	354.8#	276.23	344.46	354.95	344.29 PHASE
173	28.27	29.25	595	13.36	3.26	4.73	3.75	4.42	7.83	2.11	1.8# AMP
				271.73	188.25	267.12	58.37	46.59	282.94	43.48	83.53 PHASE
174	19.15	38.79	595	19.88	5.71	5.14	3.41	3.82	12.51	4.83	1.73 AMP
				291.55	181.7#	255.41	24.19	332.88	314.54	352.67	97.86 PHASE
175	17.89	41.44	594	26.87	7.87	6.87	5.57	5.88	7.98	5.49	1.12 AMP
				385.64	111.12	237.4#	15.54	328.55	318.99	18.31	81.38 PHASE
176	15.86	47.82	595	34.88	18.13	9.65	7.62	7.81	18.41	5.11	1.46 AMP
				321.88	128.57	238.43	33.83	351.82	332.81	28.63	58.81 PHASE
177	13.53	58.23	594	43.15	11.62	13.25	9.36	7.47	13.62	7.38	1.87 AMP
				329.93	125.15	247.37	48.25	357.26	5.25	5.4#	45.43 PHASE
179	18.46	74.44	596	52.62	13.18	16.56	9.54	18.36	19.64	9.48	3.45 AMP
				336.15	128.71	258.8#	34.31	353.87	9.53	331.99	359.48 PHASE
180	8.85	95.79	595	64.8#	15.27	19.85	18.76	12.88	23.65	13.56	5.7# AMP
				342.81	138.61	258.77	21.64	347.32	9.75	315.32	333.49 PHASE
181	8.83	183.2#	595	75.39	16.92	24.88	18.53	8.25	18.48	18.59	5.77 AMP
				348.83	135.8#	249.87	359.94	389.84	17.77	348.63	351.37 PHASE
182	9.31	118.48	594	84.14	18.58	26.19	8.86	5.97	14.13	3.33	5.85 AMP
				354.83	151.51	251.8#	359.83	263.96	35.36	21.79	349.37 PHASE

TABLE VII.- Continued

(b) Continued

TORSION 36 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
156	5.83	6.88	595	5.32	.49	.19	.82	1.01	.19	.22	.11 AMP
157	4.22	7.02	594	334.51	85.86	335.56	222.33	267.89	54.90	223.30	31.43 PHASE
158	2.53	8.18	595	5.78	.36	.21	.80	.96	.14	.21	.04 AMP
159	.63	9.15	595	337.41	69.39	.79	204.89	252.32	22.16	217.30	3.90 PHASE
160	-1.07	10.18	594	6.55	.30	.13	1.02	1.11	.11	.35	.07 AMP
161	-2.84	11.02	594	343.62	53.71	35.00	213.00	250.67	355.84	200.52	325.05 PHASE
162	-4.15	13.60	594	7.47	.33	.24	1.30	1.31	.11	.31	.02 AMP
163	-5.03	14.68	594	348.96	58.27	152.30	215.33	259.73	200.93	200.01	104.12 PHASE
164	6.67	7.30	596	8.24	.42	.59	1.54	1.29	.20	.32	.01 AMP
165	4.99	7.60	595	356.24	76.31	177.11	229.99	285.79	74.86	219.04	206.77 PHASE
166	3.17	8.36	595	9.20	.64	.96	1.68	1.33	.33	.35	.05 AMP
167	1.20	9.40	595	357.93	99.45	179.84	228.58	295.40	56.19	206.16	107.67 PHASE
168	-.34	10.69	594	10.31	.96	1.42	1.77	1.34	.42	.41	.17 AMP
169	-2.55	13.01	595	357.40	97.49	177.43	221.25	291.99	30.27	170.40	208.14 PHASE
170	-4.90	16.56	595	11.04	1.20	1.72	1.84	1.50	.44	.40	.14 AMP
171	-6.41	18.89	595	357.87	97.45	176.57	221.81	295.72	24.94	102.20	216.53 PHASE
172	-8.06	20.77	595	5.66	.83	.25	.93	.92	.30	.21	.21 AMP
173	7.37	8.19	595	329.79	95.05	311.06	230.55	273.97	41.51	200.05	24.21 PHASE
174	5.48	8.42	595	6.14	.64	.19	.80	.85	.30	.32	.12 AMP
175	3.86	9.03	594	340.01	93.12	346.95	235.61	303.35	72.66	245.07	74.06 PHASE
176	1.75	10.03	595	6.03	.62	.10	.96	.81	.17	.46	.13 AMP
177	-.30	11.96	594	346.15	83.93	313.05	233.26	295.44	74.00	243.01	147.73 PHASE
178	-2.64	13.90	596	7.04	.73	.23	1.29	.94	.27	.59	.05 AMP
179	-5.45	18.29	595	349.24	72.05	202.70	222.72	200.02	63.95	211.02	52.90 PHASE
180	-8.25	21.30	595	8.76	.90	.66	1.50	1.01	.30	.54	.15 AMP
181	-10.40	23.60	594	352.55	81.31	194.29	220.20	294.47	66.11	213.54	116.71 PHASE
182				10.22	1.37	1.30	1.50	1.13	.30	.47	.21 AMP
				350.36	96.18	199.39	237.31	316.03	63.04	223.68	142.06 PHASE
				12.42	2.16	2.07	1.70	1.44	.27	.48	.25 AMP
				359.06	94.70	194.34	230.13	315.84	341.01	222.00	147.65 PHASE
				13.99	2.46	2.60	2.07	1.60	.66	.79	.33 AMP
				359.04	93.36	203.72	244.18	307.32	270.50	224.14	166.79 PHASE
				16.01	2.00	2.60	2.15	1.61	1.00	1.00	.39 AMP
				357.69	83.49	210.50	251.19	301.99	265.00	222.71	157.43 PHASE
				5.91	1.35	.48	1.03	1.15	.15	.21	.21 AMP
				331.45	116.11	12.02	260.62	292.62	46.43	227.65	127.07 PHASE
				6.32	1.17	.55	.83	1.29	.10	.42	.22 AMP
				334.22	100.51	17.90	247.00	269.56	86.07	219.75	135.23 PHASE
				6.09	1.11	.45	.90	1.15	.15	.43	.25 AMP
				339.50	90.17	17.73	240.90	273.37	123.50	209.34	140.49 PHASE
				7.93	1.33	.09	1.22	1.26	.15	.47	.29 AMP
				346.60	85.62	49.50	246.24	276.46	152.34	222.67	171.96 PHASE
				9.32	1.69	.43	1.64	1.36	.07	.39	.38 AMP
				351.43	87.48	202.41	249.12	293.32	314.47	241.63	160.57 PHASE
				11.16	2.20	.99	1.94	1.56	.32	.62	.62 AMP
				353.02	87.47	206.26	243.64	277.06	314.50	245.19	142.40 PHASE
				13.01	2.52	1.71	2.63	2.17	.72	.69	.84 AMP
				353.52	84.46	218.19	242.48	263.29	202.24	240.71	142.91 PHASE
				16.00	2.52	2.51	2.99	2.57	1.50	1.25	.64 AMP
				352.96	76.04	243.91	251.84	262.69	273.76	243.06	167.59 PHASE
				19.29	2.04	3.69	3.10	3.08	3.44	2.35	1.07 AMP
				353.24	70.27	261.93	255.29	250.23	267.50	264.03	250.45 PHASE

TABLE VII.- Continued

(b) Continued

FLAPWISE 51 PERCENT RADIUS												
RUN NO 8												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
156	22.85	13.87	595	8.55	4.55	4.57	.64	.88	.45	.61	.77	AMP
157	23.93	14.75	594	127.24	387.14	345.41	291.89	231.11	127.23	35.95	215.89	PHASE
158	24.96	16.56	595	9.76	4.71	5.85	.58	.98	.31	.49	.49	AMP
159	26.83	18.88	595	127.88	299.15	339.69	289.87	214.26	112.89	11.22	152.19	PHASE
160	27.83	28.78	594	11.88	5.43	6.67	.42	.88	.34	.55	.65	AMP
161	28.89	22.99	594	138.21	299.78	345.87	283.39	228.64	128.62	39.88	156.31	PHASE
162	28.78	24.41	594	12.56	6.15	7.49	.25	.92	.29	.47	.41	AMP
163	29.27	24.99	594	133.81	382.86	354.81	288.94	238.37	89.37	22.37	159.86	PHASE
164	21.88	14.98	596	13.68	6.76	8.34	.22	.97	.38	.48	.43	AMP
165	21.98	16.22	595	137.83	387.88	7.78	384.63	253.83	91.56	14.26	165.54	PHASE
166	23.18	18.56	595	15.18	7.28	9.86	.14	1.86	.32	.66	.12	AMP
167	24.12	21.32	595	137.82	383.44	5.61	342.77	257.89	71.93	357.86	114.92	PHASE
168	24.95	22.96	594	16.88	7.68	9.22	.14	.97	.36	.87	.59	AMP
169	25.95	24.41	595	134.96	296.64	357.73	128.73	249.28	33.85	336.46	65.48	PHASE
170	26.87	25.68	595	16.58	7.78	9.25	.29	1.81	.33	.94	.43	AMP
171	27.11	26.13	595	134.28	295.78	356.78	117.58	246.28	23.74	334.92	68.88	PHASE
172	27.47	26.19	595	9.68	5.34	4.28	.89	1.82	.52	1.14	1.42	AMP
173	18.97	16.83	595	124.69	383.69	345.88	286.52	238.21	128.18	24.18	218.38	PHASE
174	28.81	17.15	595	18.81	5.96	5.46	.93	1.81	.44	1.89	.91	AMP
175	28.88	19.71	594	131.28	388.79	359.88	311.37	258.15	135.66	54.37	248.89	PHASE
176	21.76	21.48	595	12.88	6.56	6.34	.84	1.88	.41	1.47	.56	AMP
177	22.54	22.54	594	134.19	387.32	4.21	315.79	265.39	124.89	59.86	249.98	PHASE
178	23.87	26.69	595	13.68	7.23	7.13	.77	1.88	.44	1.63	.61	AMP
179	23.25	24.64	596	133.65	388.78	7.68	318.22	257.21	95.68	41.97	285.63	PHASE
180	23.87	26.69	595	14.88	7.68	7.62	.66	1.81	.39	1.64	.26	AMP
181	24.49	28.44	595	133.61	298.89	2.83	312.24	259.27	78.83	39.72	243.33	PHASE
182	24.73	27.34	594	15.99	7.76	8.19	.62	1.12	.43	1.67	.25	AMP
				135.26	297.36	8.88	316.25	278.94	78.32	41.37	348.58	PHASE
				17.17	8.18	8.49	.38	1.28	.47	2.83	.88	AMP
				132.31	291.41	1.18	293.67	262.77	42.27	17.84	346.28	PHASE
				17.35	8.71	7.95	.19	1.23	.61	2.52	1.43	AMP
				131.59	298.48	.86	256.37	268.99	25.39	14.43	342.83	PHASE
				17.48	9.13	7.78	.35	1.18	.89	2.88	1.62	AMP
				129.98	298.79	351.68	181.61	268.25	25.88	13.89	335.19	PHASE
				18.58	6.15	3.81	.59	1.87	.95	1.43	.54	AMP
				131.13	313.18	359.79	388.67	248.49	128.32	73.99	291.84	PHASE
				11.84	6.62	4.76	.69	.89	.88	1.56	.68	AMP
				138.88	382.55	353.37	298.32	219.23	118.83	53.88	336.24	PHASE
				12.94	7.14	5.33	.64	.83	.78	1.55	.61	AMP
				131.79	299.66	356.81	387.49	225.86	188.61	58.43	358.26	PHASE
				14.38	7.58	5.82	.62	.73	.77	1.75	.93	AMP
				134.71	388.28	5.85	316.86	226.12	183.89	68.88	17.29	PHASE
				15.65	8.84	6.16	.61	.66	.75	1.59	1.58	AMP
				134.98	388.85	8.25	338.48	249.28	98.43	68.75	3.88	PHASE
				16.83	8.68	6.45	.67	.34	.84	1.96	2.84	AMP
				133.17	296.44	6.16	345.48	253.18	56.67	52.68	349.24	PHASE
				17.89	9.47	6.46	.42	.18	1.27	2.52	4.89	AMP
				131.85	294.84	359.84	28.73	178.33	38.83	38.77	343.14	PHASE
				18.29	18.82	6.22	.33	.15	1.63	2.91	4.54	AMP
				131.34	294.39	345.39	98.43	88.89	27.97	36.16	351.26	PHASE
				17.91	12.53	5.59	.51	.36	1.48	2.89	3.79	AMP
				131.28	388.85	333.38	157.56	46.38	52.36	42.85	12.15	PHASE

TABLE VII.- Continued

(b) Continued

CHORDWISE 51 PERCENT RADIUS											
RUN NO		0									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
156	24.48	26.92	595	6.22	1.56	2.68	5.55	2.57	13.24	2.66	1.48
				297.18	127.37	266.34	39.84	17.41	325.84	337.33	133.65
157	24.85	33.61	594	11.93	2.85	4.28	7.28	4.76	13.67	2.14	1.37
				312.73	116.61	224.24	18.84	328.24	326.89	359.83	128.22
158	24.85	41.91	595	18.97	3.89	7.92	9.43	5.16	11.99	2.95	1.95
				326.74	121.92	225.92	21.46	338.21	338.58	288.84	138.81
159	23.89	55.22	595	27.84	4.48	12.12	11.87	5.21	12.68	6.73	2.86
				334.52	129.16	237.38	23.62	339.25	329.19	258.86	123.88
160	23.27	66.88	594	34.27	4.59	16.18	13.98	4.32	13.77	3.61	2.88
				342.17	137.86	253.57	34.13	351.98	356.58	315.88	134.98
161	21.95	79.37	594	43.37	5.44	21.11	16.58	2.92	13.95	12.82	2.81
				342.78	131.92	253.85	22.88	318.68	351.78	314.87	98.83
162	28.46	86.53	594	52.88	5.79	24.46	18.84	3.73	14.18	12.71	2.92
				342.72	127.59	246.23	4.89	231.52	328.92	389.75	55.39
163	19.78	93.38	594	57.14	6.46	26.85	19.86	5.85	16.66	12.78	2.52
				342.66	138.46	245.34	354.95	217.19	332.68	317.63	47.48
164	22.18	25.52	596	8.97	2.58	3.63	4.56	3.14	9.84	3.76	1.12
				279.29	188.87	262.18	37.38	26.87	279.62	343.83	136.47
165	21.88	32.34	595	14.86	4.37	3.86	5.48	3.83	8.79	5.99	1.77
				299.68	112.48	258.98	31.49	331.89	6.81	28.16	159.42
166	21.67	36.55	595	28.98	5.86	6.59	7.73	7.12	4.35	4.12	1.66
				316.25	128.38	241.87	38.61	349.42	331.57	66.94	144.97
167	21.19	51.82	595	29.88	7.38	18.35	9.71	7.32	9.88	3.32	3.84
				324.98	119.34	248.37	25.39	357.17	316.43	313.84	122.39
168	19.98	61.95	594	35.64	8.45	13.78	11.14	7.69	11.73	7.41	2.67
				329.78	123.57	246.13	29.19	354.42	332.66	318.86	115.22
169	17.92	78.79	595	45.17	9.73	18.13	12.94	8.73	15.39	12.19	2.43
				335.98	126.57	257.89	32.22	357.89	3.74	338.22	112.69
170	15.83	88.26	595	58.22	11.38	23.58	15.82	6.95	14.91	15.69	2.25
				339.11	122.12	254.47	15.58	342.84	2.73	324.69	31.64
171	13.98	93.57	595	64.87	13.61	25.94	14.48	7.85	15.67	14.34	3.87
				343.38	127.69	254.58	12.79	296.61	354.42	348.58	8.87
172	13.78	189.11	595	78.41	16.85	29.43	14.28	12.88	23.44	13.53	2.88
				347.26	134.46	249.23	358.43	271.83	346.32	3.89	348.34
173	21.38	31.59	595	12.56	3.88	4.29	4.18	4.53	9.35	3.85	1.89
				272.24	182.13	277.76	59.61	47.78	285.58	52.44	79.89
174	28.61	43.45	595	18.18	5.21	4.89	4.29	3.82	15.25	5.22	2.32
				289.88	188.23	267.42	27.47	333.79	317.88	.16	181.16
175	28.82	44.24	594	23.46	7.19	5.51	6.56	6.84	9.81	7.26	1.48
				381.58	187.42	258.32	22.84	319.75	322.86	24.37	98.93
176	18.33	51.31	595	38.75	9.45	8.47	8.76	7.38	12.65	6.63	1.68
				316.43	115.81	249.76	39.21	354.98	335.55	39.99	88.47
177	16.85	66.81	594	39.18	18.88	11.68	18.82	8.29	16.77	8.85	1.99
				324.58	118.65	256.38	43.81	1.82	8.64	15.48	61.13
179	12.88	81.34	596	48.14	12.58	14.82	11.44	11.88	24.67	18.95	4.58
				338.22	128.89	258.81	34.83	359.85	13.28	348.64	3.89
180	9.88	7.88	595	58.31	15.86	18.61	13.61	13.98	29.97	15.84	8.25
				336.77	123.86	257.22	28.69	355.28	13.94	322.14	338.59
181	8.91	99.69	595	67.58	18.13	25.89	14.13	8.65	23.48	12.61	18.17
				343.69	138.22	254.65	3.42	318.69	22.11	352.59	354.88
182	9.32	184.76	594	73.68	28.53	27.85	12.82	6.48	18.18	4.25	9.81
				358.68	148.41	258.53	2.17	278.42	41.69	49.29	355.52

TABLE VII.- Continued

(b) Continued

TORSION 50 PERCENT RADIUS											
RUN NO		S									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
156	2.86	5.93	595	4.46	.34	.17	.62	.83	.24	.18	.15
				343.81	115.19	.14	249.42	295.32	79.16	264.57	97.13
157	1.58	5.87	594	4.81	.28	.17	.58	.77	.18	.16	.11
				346.53	116.74	29.88	238.12	279.62	59.28	257.94	65.64
158	.83	6.72	595	5.39	.11	.16	.71	.92	.12	.26	.11
				352.33	135.68	72.57	236.51	278.45	39.91	252.98	45.61
159	-1.64	7.36	595	6.83	.13	.15	.97	1.11	.14	.24	.05
				357.46	156.88	134.47	236.68	287.18	68.44	245.52	99.47
160	-3.13	8.84	594	6.68	.18	.33	1.12	1.11	.21	.25	.83
				4.72	168.24	179.88	249.98	312.47	98.84	254.43	124.83
161	-4.73	9.41	594	7.33	.38	.59	1.25	1.13	.33	.28	.81
				5.98	159.24	186.19	248.81	322.22	98.63	237.58	147.39
162	-5.89	18.63	594	8.86	.57	.92	1.32	1.14	.42	.36	.11
				5.14	142.82	185.87	248.65	319.66	71.88	287.63	275.86
163	-6.78	11.32	594	8.56	.77	1.13	1.38	1.26	.46	.35	.18
				5.39	133.98	182.98	248.18	323.12	68.59	289.67	281.99
164	3.53	6.15	596	4.76	.69	.27	.72	.81	.33	.22	.19
				338.34	117.48	338.86	255.76	382.79	73.12	258.46	99.51
165	2.18	6.41	595	5.12	.52	.23	.61	.72	.32	.24	.15
				348.33	126.53	8.84	268.99	338.98	185.33	295.74	143.97
166	.54	6.94	595	5.64	.48	.14	.78	.66	.18	.33	.14
				354.48	124.31	15.89	257.76	321.98	188.89	294.97	179.82
167	-1.13	7.58	595	6.38	.34	.83	.88	.78	.27	.43	.88
				357.23	113.78	248.18	246.18	385.62	89.38	258.98	127.98
168	-2.48	8.27	594	6.81	.37	.25	1.87	.89	.35	.48	.14
				.27	116.62	285.84	247.28	318.88	98.96	255.38	168.54
169	-4.31	9.74	595	7.68	.56	.68	1.27	1.83	.43	.38	.17
				5.38	117.21	281.87	254.83	341.18	98.78	261.56	186.54
170	-6.33	12.41	595	9.14	1.81	1.26	1.52	1.36	.48	.48	.19
				5.16	186.99	192.71	252.44	348.36	52.81	264.48	184.16
171	-7.54	13.84	595	18.22	1.15	1.55	1.78	1.53	.48	.71	.23
				4.49	181.18	282.96	258.82	336.88	335.53	271.82	212.58
172	-8.96	15.32	595	11.66	1.38	1.44	1.83	1.56	.62	.95	.26
				2.31	82.86	288.93	268.88	333.33	388.12	278.18	213.25
173	4.83	6.88	595	4.98	1.18	.81	.48	1.88	.17	.19	.28
				348.82	131.96	18.78	294.35	321.37	99.45	272.27	189.61
174	2.48	6.98	595	5.28	.94	.52	.64	1.85	.18	.32	.19
				342.41	124.61	19.42	276.38	388.58	113.75	261.16	195.93
175	1.12	7.28	594	5.57	.88	.58	.64	.93	.18	.32	.28
				347.58	121.17	21.78	268.95	381.91	162.25	257.32	199.31
176	-.68	7.78	595	6.18	.71	.33	.84	1.85	.12	.34	.22
				354.33	115.31	25.72	278.88	388.15	174.87	267.56	224.69
177	-2.32	8.93	594	6.99	.79	.82	1.23	1.18	.87	.32	.28
				358.38	186.78	17.73	267.99	318.61	61.42	292.95	213.21
179	-4.28	18.18	596	8.88	.98	.48	1.68	1.31	.21	.35	.46
				359.48	94.53	286.75	261.29	388.37	344.54	384.39	188.14
180	-6.46	13.34	595	9.85	1.15	.98	2.38	1.74	.65	.59	.64
				357.77	79.35	218.11	261.42	293.48	385.79	388.56	192.58
181	-8.91	16.42	595	12.14	1.39	1.29	2.79	2.87	1.48	1.81	.57
				356.67	56.25	249.87	273.11	294.99	384.83	299.53	226.93
182	-18.78	19.28	594	14.88	1.58	1.83	3.19	2.99	3.18	2.85	1.81
				354.55	37.86	267.81	278.94	283.77	299.87	312.92	384.87



TABLE VII.- Continued

(b) Continued

FLAPWISE 77 PERCENT RADIUS												
RUN NO		B										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
156	.13	18.64	595	13.14	4.81	3.24	1.85	3.38	.32	.78	1.27	AMP
157	1.86	18.95	594	137.37	318.89	318.44	148.95	217.68	62.69	186.81	38.86	PHASE
158	3.59	22.89	595	13.89	4.29	3.95	1.82	3.15	.46	.59	.91	AMP
159	5.51	24.17	595	137.87	389.39	388.89	114.93	288.21	41.57	158.86	338.83	PHASE
160	7.23	25.55	594	15.85	4.83	4.58	1.17	3.38	.44	.49	1.11	AMP
161	8.89	27.63	594	148.73	389.53	318.64	188.72	288.83	44.43	188.78	343.38	PHASE
162	18.87	29.33	594	16.22	5.88	4.99	1.26	3.78	.39	.41	.75	AMP
163	18.86	29.99	594	143.57	388.33	338.26	98.74	286.45	36.38	162.87	348.83	PHASE
164	-1.67	28.82	596	17.22	6.54	5.52	1.41	3.89	.58	.59	.67	AMP
165	-8.81	28.71	595	148.78	311.76	347.23	184.27	229.68	61.35	168.84	348.37	PHASE
166	1.77	22.44	595	18.68	7.32	6.88	1.65	4.88	.58	.84	.22	AMP
167	3.68	24.86	595	148.56	386.88	347.38	93.42	232.94	48.68	158.43	296.71	PHASE
168	5.16	26.88	594	19.86	7.84	6.33	1.65	3.78	.68	1.84	.88	AMP
169	7.13	28.88	595	146.63	297.79	341.35	74.21	221.64	27.89	138.49	247.26	PHASE
170	9.11	38.48	595	28.54	8.28	6.45	1.84	3.72	.68	1.87	.68	AMP
171	9.82	31.82	595	146.29	296.85	341.43	67.55	223.68	13.18	132.98	243.76	PHASE
172	18.44	32.95	595	14.31	4.87	2.93	1.36	3.48	.41	1.28	1.96	AMP
173	-3.36	21.75	595	133.71	315.86	382.73	136.27	228.88	35.21	184.32	31.38	PHASE
174	-1.62	23.16	595	15.23	5.32	3.53	1.13	3.12	.58	1.12	1.31	AMP
175	-1.11	24.17	594	148.39	319.83	328.47	139.31	257.93	65.96	213.62	59.22	PHASE
176	1.88	25.89	595	16.24	5.87	3.94	1.86	2.79	.63	1.42	.79	AMP
177	3.48	27.96	594	143.76	317.46	329.98	121.84	258.85	68.88	222.94	57.16	PHASE
178	5.27	31.83	596	17.67	6.67	4.45	.99	2.97	.76	1.53	.86	AMP
179	7.24	33.28	595	144.19	318.27	328.98	95.88	243.91	56.56	284.28	15.87	PHASE
180	8.69	35.61	595	18.66	7.23	4.54	.98	3.13	.82	1.48	.23	AMP
181	9.86	36.43	594	145.38	386.39	333.12	76.71	245.72	55.98	199.71	54.44	PHASE
182				28.18	7.67	4.82	1.21	3.27	.96	1.51	.51	AMP
				148.85	385.38	342.55	67.98	261.98	67.54	199.85	198.68	PHASE
				21.97	8.21	5.82	1.48	3.36	1.85	1.82	1.41	AMP
				146.75	298.14	334.84	31.24	268.62	47.34	175.24	176.25	PHASE
				22.71	8.64	4.62	1.84	3.44	1.88	2.45	2.35	AMP
				146.98	297.68	332.77	22.81	284.36	49.86	178.41	178.17	PHASE
				23.26	9.26	4.98	2.41	2.88	1.83	2.75	2.63	AMP
				146.81	297.82	322.34	28.48	298.89	46.14	181.88	165.18	PHASE
				14.85	5.88	2.98	1.78	3.82	.45	1.54	.64	AMP
				137.95	319.58	386.94	174.25	248.37	357.84	243.86	187.41	PHASE
				15.83	5.98	3.41	1.13	4.29	.43	1.76	.75	AMP
				137.73	388.41	386.37	164.88	237.35	313.12	222.58	163.94	PHASE
				16.64	6.42	3.61	.78	4.12	.16	1.75	.96	AMP
				148.57	385.59	313.42	163.65	244.55	316.66	214.16	176.67	PHASE
				17.86	6.87	3.58	.53	3.78	.18	1.78	1.39	AMP
				144.42	386.11	326.87	157.41	247.64	343.36	233.78	193.58	PHASE
				19.89	7.31	3.57	.28	3.71	.47	1.78	2.21	AMP
				146.35	386.18	332.45	124.79	262.18	332.25	235.51	181.63	PHASE
				28.58	7.73	3.88	.41	2.94	.67	1.86	.86	AMP
				145.96	381.57	332.63	73.88	259.87	342.43	228.72	167.11	PHASE
				22.58	7.69	2.31	.85	1.36	.64	2.47	.91	AMP
				144.85	299.28	323.51	92.14	252.66	15.84	285.76	161.98	PHASE
				23.91	8.27	2.16	1.98	1.18	.64	3.28	.66	AMP
				144.42	382.88	388.83	76.36	65.54	71.21	282.95	178.84	PHASE
				24.28	9.69	2.61	2.76	2.18	.17	2.56	.56	AMP
				145.47	388.85	287.24	75.91	89.98	124.35	211.85	193.44	PHASE

TABLE VII.- Continued

(b) Continued

CHORDWISE 77 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
156	14.41	16.62	595	5.85	1.91	3.82	2.85	1.68	5.14	.78	1.83 AMP
157	15.89	15.21	594	154.57	321.35	388.77	51.86	227.87	319.65	316.45	66.68 PHASE
158	17.85	15.15	595	3.72	1.93	3.39	2.84	2.18	6.46	.63	.48 AMP
159	18.58	19.28	595	159.18	319.56	295.54	28.26	241.88	322.81	14.32	52.93 PHASE
160	19.48	22.65	594	2.21	2.88	4.18	3.88	1.88	4.88	1.46	.53 AMP
161	20.82	26.66	594	172.18	323.65	293.58	31.25	246.23	326.69	191.38	78.82 PHASE
162	28.82	28.27	594	.97	2.68	5.18	4.99	2.85	5.28	2.71	.75 AMP
163	28.29	29.88	594	228.98	328.69	297.11	32.35	245.98	323.34	242.77	95.26 PHASE
164	18.63	19.46	596	1.83	3.16	6.36	5.95	2.48	5.65	3.96	.66 AMP
165	11.74	14.83	595	388.24	323.98	388.42	43.43	258.82	351.93	294.58	119.43 PHASE
166	13.64	16.85	595	3.72	3.78	7.88	7.12	3.31	6.84	4.68	.78 AMP
167	15.12	18.86	595	313.64	321.29	383.31	33.88	246.26	346.22	385.82	85.79 PHASE
168	16.83	22.87	594	5.47	4.84	8.65	7.66	3.95	6.13	4.53	.59 AMP
169	16.94	27.45	595	318.32	314.72	293.83	16.33	221.88	324.68	382.98	35.39 PHASE
170	17.33	38.73	595	6.56	4.28	9.86	7.78	4.44	7.17	4.68	.58 AMP
171	17.84	38.53	595	319.43	312.87	291.57	9.15	217.66	326.78	312.17	19.38 PHASE
172	18.98	33.78	595	5.73	2.33	2.91	1.73	1.49	3.77	.96	1.38 AMP
173	8.81	28.68	595	155.78	323.86	298.58	59.76	246.87	275.63	323.29	51.98 PHASE
174	18.17	23.38	595	4.73	2.36	3.31	2.88	2.88	3.88	1.91	1.18 AMP
175	11.69	19.81	594	172.15	335.92	313.68	48.58	288.28	4.32	12.35	183.27 PHASE
176	12.88	21.73	595	3.29	2.38	3.56	3.15	3.26	2.81	1.24	.98 AMP
177	13.55	24.75	594	198.59	336.81	318.34	42.86	384.75	345.17	82.67	113.98 PHASE
178	14.45	38.88	595	2.35	2.62	4.54	4.12	2.73	3.88	1.85	1.49 AMP
179	13.93	31.18	596	222.85	331.28	383.81	34.75	382.72	321.85	269.73	99.99 PHASE
180	15.33	41.55	595	2.53	2.75	5.37	4.88	3.86	5.23	2.49	1.59 AMP
181	16.14	42.46	594	261.64	326.27	381.59	35.61	381.28	333.62	299.68	111.66 PHASE
182	16.14	42.46	594	4.16	3.82	6.78	5.88	3.88	7.88	4.23	1.54 AMP
				294.93	329.84	386.62	36.42	313.88	1.99	319.29	134.83 PHASE
				6.78	3.28	8.88	6.45	4.28	7.13	8.43	.74 AMP
				312.55	332.37	294.18	19.55	388.47	389.24	316.56	125.41 PHASE
				7.25	2.15	9.88	5.82	5.61	7.35	4.88	.53 AMP
				323.82	339.88	283.74	15.72	282.22	149.32	341.87	141.78 PHASE
				7.57	.68	9.43	5.27	7.25	18.61	4.55	.98 AMP
				336.22	347.11	266.27	355.66	273.99	341.18	359.21	173.23 PHASE
				6.29	2.76	3.85	1.42	1.33	3.71	.58	.87 AMP
				167.87	328.88	383.73	188.21	278.93	283.96	19.84	91.58 PHASE
				5.22	2.61	3.49	1.38	3.82	6.31	1.68	1.48 AMP
				179.88	324.61	382.33	51.28	251.18	318.47	338.66	128.26 PHASE
				4.48	2.48	3.39	2.25	3.93	4.14	2.18	1.18 AMP
				194.36	327.39	383.24	35.16	268.15	319.45	16.89	136.58 PHASE
				3.39	2.27	3.68	3.28	3.87	5.25	1.98	1.46 AMP
				222.58	336.72	386.82	48.32	294.12	331.57	35.47	158.32 PHASE
				3.44	2.37	4.29	4.12	3.68	7.45	2.97	2.81 AMP
				258.81	348.93	386.79	49.68	388.83	.91	8.93	158.48 PHASE
				4.54	2.44	4.86	4.55	4.59	11.15	3.63	1.87 AMP
				289.83	338.89	381.78	38.71	326.19	5.39	335.89	141.18 PHASE
				5.99	2.17	5.36	5.86	5.31	13.56	4.94	1.53 AMP
				312.31	352.48	287.17	28.24	348.91	9.34	311.73	166.62 PHASE
				7.88	1.98	7.44	5.11	3.62	18.91	3.87	1.87 AMP
				338.42	16.88	265.98	11.28	336.89	28.56	352.98	168.98 PHASE
				8.74	.66	9.71	4.18	1.68	8.88	1.75	2.89 AMP
				344.71	17.28	256.91	359.98	388.54	36.46	98.68	268.84 PHASE

TABLE VII.- Continued

(b) Continued

TORSION 75 PERCENT RADIUS											
RUN NO		8									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
156	.19	3.92	595	2.57	.56	.89	.43	.45	.89	.87	.89 AMP
				333.22	123.98	121.68	273.33	383.83	79.18	22.69	285.27 PHASE
157	-1.82	3.88	594	2.87	.47	.15	.36	.38	.85	.88	.86 AMP
				339.48	134.44	184.11	268.86	284.37	73.29	331.88	92.51 PHASE
158	-2.33	4.68	595	3.37	.46	.24	.43	.47	.85	.86	.86 AMP
				348.12	155.44	118.41	256.84	288.65	346.91	346.35	86.43 PHASE
159	-3.81	5.36	595	3.88	.56	.33	.56	.68	.11	.83	.84 AMP
				355.35	164.77	145.61	244.53	286.37	8.31	4.38	79.73 PHASE
160	-5.12	5.73	594	4.35	.67	.48	.68	.68	.16	.83	.85 AMP
				3.88	172.23	169.28	253.93	318.12	47.56	232.84	125.54 PHASE
161	-6.47	6.69	594	4.94	.98	.66	.75	.61	.26	.87	.82 AMP
				5.77	169.42	178.88	248.36	315.28	47.82	194.52	156.33 PHASE
162	-7.36	7.28	594	5.43	1.83	.82	.78	.68	.34	.11	.83 AMP
				5.46	163.35	164.86	232.41	386.89	27.69	168.13	181.18 PHASE
163	-7.94	7.48	594	5.72	1.13	.87	.88	.58	.37	.89	.83 AMP
				5.96	168.22	161.87	227.99	388.19	28.66	165.78	185.38 PHASE
164	.71	4.33	596	2.91	.98	.85	.51	.51	.12	.18	.28 AMP
				325.16	118.11	53.88	282.89	318.23	87.23	23.12	212.76 PHASE
165	-.58	4.57	595	3.17	.88	.18	.41	.48	.13	.17	.12 AMP
				338.86	133.44	75.63	299.25	334.45	114.81	35.49	249.55 PHASE
166	-1.94	4.98	595	3.61	.74	.12	.41	.48	.85	.25	.88 AMP
				347.88	144.81	182.22	288.57	321.85	126.83	27.84	264.68 PHASE
167	-3.43	5.84	595	4.15	.74	.19	.58	.45	.18	.18	.87 AMP
				353.15	149.81	142.63	264.35	382.36	64.94	14.84	265.37 PHASE
168	-4.58	6.28	594	4.54	.81	.28	.59	.51	.17	.16	.89 AMP
				357.48	155.76	165.97	255.28	388.72	61.67	28.16	278.41 PHASE
169	-6.87	7.13	595	5.87	.91	.45	.67	.58	.25	.13	.85 AMP
				3.84	164.11	177.84	253.65	323.23	69.18	7.86	318.44 PHASE
170	-7.42	7.34	595	5.81	1.86	.61	.71	.58	.29	.23	.85 AMP
				5.87	164.81	164.81	248.93	318.81	37.61	341.89	6.82 PHASE
171	-8.15	7.53	595	6.27	.99	.48	.71	.51	.28	.42	.14 AMP
				4.41	172.21	167.36	245.12	318.12	358.46	329.93	329.42 PHASE
172	-9.82	8.86	595	7.81	.62	.27	.54	.44	.38	.53	.28 AMP
				.81	185.54	91.62	253.88	328.81	326.48	316.81	327.75 PHASE
173	1.84	4.88	595	3.15	1.22	.23	.62	.66	.82	.22	.28 AMP
				326.13	122.93	21.15	312.27	334.59	59.26	68.68	298.75 PHASE
174	-.33	4.88	595	3.48	1.12	.26	.54	.59	.83	.15	.24 AMP
				331.99	128.99	28.84	382.37	315.98	56.98	26.34	299.93 PHASE
175	-1.53	5.31	594	3.69	1.82	.23	.49	.55	.82	.18	.22 AMP
				339.32	125.21	17.32	388.76	314.87	297.83	6.89	311.59 PHASE
176	-3.83	5.67	595	4.89	.93	.18	.54	.68	.18	.28	.26 AMP
				348.96	135.34	15.18	298.48	318.24	332.45	26.85	326.95 PHASE
177	-4.38	5.97	594	4.52	.92	.83	.59	.64	.16	.26	.38 AMP
				354.99	145.29	278.96	277.48	314.12	345.81	11.77	335.58 PHASE
179	-5.67	6.22	596	5.83	.92	.14	.68	.62	.28	.35	.41 AMP
				358.84	153.86	239.94	259.87	292.53	313.17	358.84	338.68 PHASE
180	-7.86	7.62	595	5.78	.88	.23	.92	.89	.68	.59	.58 AMP
				358.83	169.84	244.91	258.25	264.88	291.39	339.97	332.23 PHASE
181	-8.49	9.17	595	6.79	.72	.33	1.19	1.29	1.18	.88	.61 AMP
				356.84	191.12	388.21	258.62	266.42	388.58	346.72	343.38 PHASE
182	-9.58	11.12	594	7.98	.46	.27	1.55	1.82	1.88	1.14	.54 AMP
				354.55	283.72	5.89	259.86	267.91	296.68	344.82	9.14 PHASE

TABLE VII.- Continued

(b) Concluded

PITCH LINK												
RUN NO		8										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
156	-1.54	5.45	595	4.83	.19	.76	.76	1.25	.89	.43	.22	AMP
				176.33	54.42	149.15	66.63	131.55	195.52	47.94	224.13	PHASE
157	-.38	6.32	594	6.46	.25	.73	.82	1.29	.14	.32	.13	AMP
				182.36	76.99	149.82	49.89	119.43	117.53	17.99	91.34	PHASE
158	.98	7.63	595	5.19	.39	.61	.87	1.47	.28	.47	.89	AMP
				188.67	113.32	147.71	55.68	119.53	126.78	39.22	182.41	PHASE
159	2.48	8.97	595	6.33	.43	.46	1.28	1.68	.18	.48	.89	AMP
				192.75	129.14	118.42	62.48	126.39	64.77	27.44	73.33	PHASE
160	3.72	18.37	594	7.51	.51	.68	1.38	1.69	.12	.32	.28	AMP
				198.95	131.71	73.88	77.89	145.69	64.47	31.98	93.16	PHASE
161	5.85	12.14	594	8.94	.33	.68	1.89	1.85	.19	.38	.28	AMP
				199.83	122.87	38.56	77.95	158.83	315.82	13.58	54.78	PHASE
162	6.12	14.36	594	18.36	.12	.85	1.78	1.92	.35	.48	.49	AMP
				198.91	185.37	38.53	72.82	148.23	278.71	341.44	54.36	PHASE
163	6.85	15.67	594	11.34	.36	2.35	1.92	2.11	.39	.31	.44	AMP
				198.85	247.42	26.81	72.84	139.96	264.76	337.21	49.42	PHASE
164	-2.22	6.12	596	4.45	.23	.79	.83	1.84	.24	.66	.44	AMP
				171.57	314.29	138.62	75.68	142.64	224.21	37.88	222.64	PHASE
165	-.98	6.76	595	5.12	.86	.78	.83	1.81	.85	.59	.18	AMP
				188.14	347.63	161.18	76.97	165.65	261.84	72.81	267.83	PHASE
166	.41	8.86	595	5.78	.82	.78	.98	.97	.15	.74	.86	AMP
				187.72	126.21	158.26	76.93	164.41	86.71	68.82	38.31	PHASE
167	1.84	9.96	595	6.73	.14	.58	1.17	1.17	.16	.98	.14	AMP
				189.76	188.87	117.27	63.37	148.78	38.71	49.19	296.99	PHASE
168	3.84	11.79	594	7.84	.13	.66	1.34	1.29	.21	.78	.17	AMP
				192.57	228.53	72.69	69.44	157.33	357.17	47.98	338.82	PHASE
169	4.78	13.41	595	9.65	.58	1.35	1.43	1.53	.25	.58	.27	AMP
				197.26	272.72	47.75	84.49	173.18	37.96	53.35	16.83	PHASE
170	6.84	17.78	595	12.20	1.39	2.52	1.81	1.83	.26	.48	.42	AMP
				197.87	274.42	38.84	83.34	161.99	128.23	28.86	13.73	PHASE
171	8.85	28.95	595	14.25	1.68	3.35	1.97	1.89	.78	.73	.54	AMP
				195.34	278.78	43.14	85.15	147.59	188.87	46.78	28.85	PHASE
172	9.46	24.75	595	15.66	2.29	3.78	2.1	1.89	.94	.91	.78	AMP
				194.64	268.32	45.98	92.55	137.89	188.85	53.49	8.27	PHASE
173	-3.89	7.35	595	5.85	.76	.56	.94	1.19	.12	.74	.25	AMP
				172.59	317.86	188.89	115.71	157.72	138.96	69.45	321.18	PHASE
174	-1.62	8.22	595	5.45	.65	.65	.83	1.37	.84	.74	.41	AMP
				176.52	388.23	189.17	88.47	137.88	59.62	68.85	337.52	PHASE
175	-.41	9.65	594	6.82	.66	.51	.97	1.29	.22	.76	.52	AMP
				181.88	286.88	187.12	83.81	144.75	48.56	43.87	3.84	PHASE
176	1.19	18.71	595	7.28	.82	.25	1.13	1.48	.25	.88	.59	AMP
				186.18	278.45	173.74	89.39	144.55	65.39	63.58	7.17	PHASE
177	2.85	13.81	594	8.65	1.12	.43	1.52	1.58	.28	.63	.79	AMP
				198.28	288.29	76.97	92.42	154.89	115.28	74.64	5.59	PHASE
179	4.89	16.66	596	18.74	1.59	1.14	1.65	1.82	.43	.55	1.32	AMP
				191.36	274.65	56.36	83.34	131.34	126.62	69.31	349.93	PHASE
180	7.48	21.18	595	13.93	2.11	2.11	2.14	2.76	.95	.88	1.67	AMP
				198.89	273.21	58.61	83.66	118.84	121.62	73.52	348.52	PHASE
181	9.81	25.94	595	17.51	2.28	3.23	2.48	3.45	1.44	1.45	1.47	AMP
				198.89	263.64	71.48	92.83	183.88	114.79	98.62	1.99	PHASE
182	11.93	38.94	594	28.61	2.89	4.83	2.39	5.23	3.78	2.68	1.21	AMP
				198.26	252.18	84.35	89.43	87.98	117.48	128.19	95.28	PHASE

TABLE VII.- Continued

(c)  $\mu = 0.30$ ;  $M_T = 0.65$ 

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CQ/SIGMA
213	-1.3	5.2	4.1	.04287	-.00294	.00256
214	-2.3	6.6	6.0	.05092	-.00446	.00321
215	-2.4	7.6	8.0	.06195	-.00568	.00385
216	-2.7	8.0	9.9	.07463	-.00654	.00449
217	-3.3	9.2	11.9	.08551	-.00838	.00551
218	-4.2	10.5	14.1	.09520	-.01058	.00692
219	-4.4	10.6	14.8	.09788	-.01096	.00739
220	-4.8	11.2	15.8	.10209	-.01195	.00825
221	-.8	5.3	3.9	.02056	-.00307	.00234
222	-1.0	5.1	5.9	.03618	-.00540	.00324
223	-1.7	6.2	7.8	.04642	-.00734	.00401
224	-2.1	6.8	9.9	.05940	-.00970	.00491
225	-3.0	8.1	11.8	.06727	-.01206	.00591
226	-3.1	9.6	13.9	.07857	-.01476	.00725
227	-3.1	9.8	14.9	.08505	-.01548	.00774
228	-3.3	9.9	15.9	.08991	-.01593	.00829
236	-2.2	4.2	0.0	.03409	.00050	.00134
237	-2.4	5.1	1.8	.04974	.00035	.00154
238	-2.2	6.1	3.8	.05815	.00017	.00188
239	-2.4	6.7	5.8	.07055	.00021	.00226
240	-2.7	8.2	7.9	.08046	-.00064	.00305
241	-3.3	9.0	9.8	.09151	-.00101	.00376
242	-3.8	10.1	11.8	.10096	-.00182	.00492
243	-4.5	11.1	13.8	.10760	-.00233	.00647
244	-.6	3.4	-3.1	.03404	.00474	.00045
245	-1.5	4.6	-.1	.05352	.00627	.00024
246	-2.1	5.5	1.8	.06479	.00701	.00039
247	-2.6	6.4	3.8	.07612	.00763	.00065
248	-2.8	8.2	5.8	.08404	.00683	.00132
249	-3.2	8.8	7.8	.09565	.00797	.00182
250	-3.9	10.0	9.9	.10354	.00733	.00305

TABLE VII.- Continued

(c) Continued

FLAPWISE 25 PERCENT RADIUS													
	RUN NO	1#											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P		
213	48.79	13.67	623	4.57	3.65	2.63	.87	4.45	1.28	1.94	1.18	AMP	PHASE
214	50.86	14.18	622	145.55	328.88	2.58	322.92	65.21	312.21	238.21	28.42	AMP	PHASE
				3.18	3.86	.92	4.14	1.21	1.87	.74	AMP	PHASE	
215	51.33	14.12	622	136.22	319.37	357.24	387.84	68.83	295.54	218.25	14.68	AMP	PHASE
216	52.53	14.85	623	5.41	4.11	3.36	1.85	4.15	.98	2.12	.94	AMP	PHASE
				134.88	324.51	3.23	296.91	68.36	295.34	217.76	358.78	AMP	PHASE
217	53.73	14.23	622	5.45	4.29	3.33	1.10	4.59	.88	2.22	.75	AMP	PHASE
				123.95	319.86	357.94	275.36	45.27	263.72	193.23	353.78	AMP	PHASE
218	54.92	14.42	622	5.86	4.23	3.35	1.87	5.88	.74	2.23	.76	AMP	PHASE
				115.26	326.44	1.89	272.91	68.44	245.39	199.61	4.75	AMP	PHASE
219	55.38	14.64	624	6.39	4.38	3.11	1.64	4.97	1.84	2.23	.38	AMP	PHASE
				182.48	336.58	.14	254.15	77.91	217.13	197.24	23.89	AMP	PHASE
220	55.78	16.48	621	6.66	4.56	2.78	2.88	5.87	1.13	2.55	.57	AMP	PHASE
				92.15	332.27	344.74	238.82	71.66	198.28	178.75	58.86	AMP	PHASE
221	47.23	11.42	622	7.41	4.82	2.74	2.47	5.81	1.33	2.82	.59	AMP	PHASE
				82.55	335.83	327.62	226.99	81.32	181.38	164.65	77.92	AMP	PHASE
222	48.78	11.37	621	8.81	2.43	2.33	.77	3.93	1.87	.94	.75	AMP	PHASE
				141.19	313.52	338.86	17.35	38.98	298.16	214.53	345.45	AMP	PHASE
223	50.15	12.66	622	3.99	3.82	3.89	.89	3.95	1.81	1.82	.78	AMP	PHASE
				146.28	323.81	367.91	341.78	42.39	318.84	233.73	355.34	AMP	PHASE
224	51.74	13.13	622	4.31	3.35	3.38	1.85	4.22	.98	1.84	.84	AMP	PHASE
				137.86	325.63	357.86	338.84	34.85	383.26	223.16	341.48	AMP	PHASE
225	53.84	14.23	623	4.78	3.75	3.64	1.35	4.78	.71	1.88	.77	AMP	PHASE
				138.72	329.63	.44	319.88	48.77	295.35	218.36	339.64	AMP	PHASE
226	54.38	14.38	621	5.38	3.85	3.75	1.68	5.84	.98	.76	.76	AMP	PHASE
				115.49	324.18	343.29	299.98	16.71	258.18	166.38	293.38	AMP	PHASE
227	55.15	14.83	621	3.96	3.75	3.75	1.98	4.91	.54	.98	.73	AMP	PHASE
				112.37	348.21	383.14	312.32	43.27	227.88	179.61	381.85	AMP	PHASE
228	55.74	14.44	615	6.36	4.87	3.53	2.15	4.83	.58	1.86	.56	AMP	PHASE
				184.72	338.78	346.32	296.41	48.93	286.12	161.49	287.63	AMP	PHASE
229	56.74	14.44	615	6.96	4.27	3.35	2.45	4.38	.81	1.24	.84	AMP	PHASE
				93.98	332.53	334.84	275.97	37.38	171.77	148.73	286.28	AMP	PHASE
230	47.71	13.43	622	4.97	3.58	1.47	.71	5.49	1.88	.89	.69	AMP	PHASE
				136.14	387.28	355.17	12.89	46.78	314.64	234.62	63.83	AMP	PHASE
231	48.92	13.81	622	5.32	3.92	2.11	.69	5.83	1.77	2.14	.34	AMP	PHASE
				138.47	313.81	7.84	26.43	55.35	338.34	249.51	148.47	AMP	PHASE
232	50.21	13.82	623	5.72	4.24	2.43	.45	5.63	1.37	2.82	.52	AMP	PHASE
				148.66	319.11	28.52	45.91	62.95	335.88	252.68	289.13	AMP	PHASE
233	51.32	12.99	623	5.79	4.59	2.78	.45	5.34	1.17	2.34	.85	AMP	PHASE
				134.17	314.87	17.74	28.67	41.79	388.95	236.88	189.86	AMP	PHASE
234	52.42	13.58	621	6.23	4.83	3.16	.42	4.77	.94	2.37	.75	AMP	PHASE
				138.87	328.61	21.88	66.54	68.67	285.67	248.55	185.88	AMP	PHASE
241	53.38	14.34	622	6.27	5.15	3.17	.28	3.42	1.16	2.64	1.65	AMP	PHASE
				128.78	323.85	23.37	58.92	53.19	247.82	235.11	161.47	AMP	PHASE
242	54.11	15.78	622	6.58	5.57	2.48	.41	1.62	1.78	2.74	1.88	AMP	PHASE
				189.48	333.77	17.22	277.56	58.84	243.96	242.56	177.94	AMP	PHASE
243	54.42	19.67	622	7.55	6.54	2.28	1.61	.85	2.88	3.15	2.14	AMP	PHASE
				81.73	321.58	282.88	245.56	269.85	194.61	193.78	149.63	AMP	PHASE
244	45.81	14.34	621	6.48	4.24	.88	1.84	5.93	2.27	2.13	.81	AMP	PHASE
				143.77	313.11	91.45	76.84	51.32	327.82	266.46	156.83	AMP	PHASE
245	47.87	15.27	622	6.98	4.98	1.75	1.36	5.52	2.12	2.83	.68	AMP	PHASE
				144.32	318.28	84.86	85.82	61.67	347.79	281.16	283.49	AMP	PHASE
246	48.88	16.86	622	7.19	5.23	2.25	1.52	5.62	1.97	2.86	.48	AMP	PHASE
				138.19	318.32	67.12	69.99	38.71	328.78	249.43	246.52	AMP	PHASE
247	49.92	15.16	622	7.38	5.59	2.78	1.49	5.14	1.94	2.23	.68	AMP	PHASE
				137.89	315.42	64.48	76.94	39.27	318.22	262.45	233.94	AMP	PHASE
248	50.85	15.26	622	7.78	5.86	2.93	1.86	4.34	1.58	2.19	.71	AMP	PHASE
				131.52	317.25	58.18	63.65	35.81	386.71	258.68	228.38	AMP	PHASE
249	51.56	17.13	622	7.68	6.25	2.48	.51	3.48	1.34	2.38	1.23	AMP	PHASE
				124.71	322.78	52.66	55.98	23.56	291.77	244.23	175.88	AMP	PHASE
250	52.15	18.85	622	7.68	7.16	.81	1.87	2.86	1.37	2.74	1.55	AMP	PHASE
				118.66	325.53	345.25	252.82	345.51	259.21	233.25	169.38	AMP	PHASE

TABLE VII.- Continued

(c) Continued

CHORDWISE 25 PERCENT RADIUS													
	RUN NO	1#											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P		
213	52.67	33.78	623	19.89	6.88	5.62	3.67	6.61	5.38	1.53	.64	AMP	
				387.37	123.28	218.95	315.59	315.81	295.42	346.82	88.81	PHASE	
214	52.85	38.88	622	26.82	8.37	9.31	5.87	7.43	5.49	1.75	.67	AMP	
				313.99	125.97	287.47	11.98	389.87	294.79	357.59	78.49	PHASE	
215	52.51	58.22	622	37.34	18.19	15.85	7.29	7.86	6.29	1.68	1.15	AMP	
				338.28	129.32	215.85	17.19	319.95	274.87	312.83	69.55	PHASE	
216	51.48	82.44	623	49.68	12.84	28.84	8.79	8.83	11.48	3.31	1.15	AMP	
				339.19	125.99	215.97	14.85	383.43	269.93	286.39	43.49	PHASE	
217	58.79	98.39	622	62.85	12.64	25.11	9.26	9.67	13.91	3.73	1.12	AMP	
				344.46	129.73	227.35	24.88	388.65	383.78	298.87	54.99	PHASE	
218	58.78	115.73	622	78.68	13.29	29.63	9.33	9.41	13.81	3.77	.95	AMP	
				348.25	137.25	233.77	17.18	311.63	321.99	311.69	57.61	PHASE	
219	51.29	122.69	624	86.23	12.75	38.62	8.78	9.82	18.89	3.89	.94	AMP	
				349.71	134.24	227.16	353.31	286.88	317.27	382.55	31.63	PHASE	
220	51.45	127.59	621	96.48	12.48	33.32	8.85	9.83	8.32	3.61	.79	AMP	
				351.76	138.25	227.89	329.61	259.53	311.86	329.38	56.86	PHASE	
221	51.64	28.83	622	7.84	1.61	4.19	4.67	.79	5.48	.73	.56	AMP	
				286.18	127.95	221.91	39.72	381.24	247.72	346.85	48.58	PHASE	
222	53.85	31.18	621	16.38	4.55	7.38	5.64	5.68	7.28	.64	.45	AMP	
				328.45	137.51	283.38	32.85	318.18	384.12	353.12	77.53	PHASE	
223	54.21	49.28	622	24.94	5.48	12.85	7.39	5.45	8.43	.79	.66	AMP	
				348.16	137.78	218.41	23.19	322.88	287.65	383.72	63.55	PHASE	
224	54.54	71.86	622	37.51	5.78	18.84	9.33	4.98	18.48	2.86	.76	AMP	
				352.85	142.88	223.88	23.59	387.87	298.68	388.54	66.65	PHASE	
225	55.52	85.48	623	47.81	7.27	22.68	11.24	5.16	12.61	2.48	1.13	AMP	
				345.22	128.64	218.73	358.86	263.98	268.51	266.98	7.11	PHASE	
226	55.51	188.55	621	66.96	9.31	28.93	13.13	6.26	12.75	2.98	1.27	AMP	
				352.88	143.24	228.78	9.32	263.74	384.26	314.14	49.88	PHASE	
227	54.69	118.95	621	78.13	9.41	31.95	13.34	7.37	11.87	3.62	1.58	AMP	
				355.63	148.69	229.46	352.34	237.96	296.83	318.23	41.88	PHASE	
228	63.19	126.31	615	87.11	9.96	33.91	15.55	9.93	14.68	3.88	1.55	AMP	
				357.17	148.84	225.78	319.38	224.87	383.26	389.88	28.52	PHASE	
229	55.61	29.23	622	14.62	4.21	5.29	3.69	5.59	4.13	1.17	.49	AMP	
				261.87	181.11	248.21	42.84	8.97	286.32	342.38	68.92	PHASE	
230	54.61	43.58	622	21.35	5.88	7.25	4.58	3.88	13.88	1.88	.72	AMP	
				285.83	115.85	252.28	47.38	341.13	242.84	348.55	75.33	PHASE	
231	53.44	49.99	623	31.82	9.59	6.97	5.18	7.96	18.86	2.38	.67	AMP	
				387.24	128.59	235.79	38.42	315.66	283.88	4.49	71.76	PHASE	
232	51.44	57.83	623	41.34	11.92	11.48	6.51	8.12	14.27	2.92	.89	AMP	
				321.69	128.74	219.26	38.48	311.23	283.81	331.88	33.86	PHASE	
233	49.52	73.86	621	53.99	13.77	15.96	7.49	18.26	16.66	4.84	1.15	AMP	
				332.83	138.88	233.28	48.14	327.71	324.81	332.31	38.88	PHASE	
234	47.58	91.77	622	65.12	14.98	19.77	8.47	11.53	18.73	5.73	.88	AMP	
				348.29	133.32	248.69	34.88	329.72	328.48	389.41	18.22	PHASE	
235	46.62	112.77	622	79.39	15.81	22.88	8.85	12.62	18.84	6.42	1.53	AMP	
				351.88	142.21	252.75	33.18	349.32	356.46	325.56	36.42	PHASE	
236	47.36	142.31	622	98.68	17.22	26.75	18.33	9.17	18.88	6.69	.76	AMP	
				356.48	144.26	248.98	4.19	383.78	321.68	288.89	343.98	PHASE	
237	58.98	39.81	621	21.65	5.23	6.41	3.85	5.37	5.88	1.12	.35	AMP	
				264.43	86.96	251.85	49.45	369.34	268.29	358.75	177.19	PHASE	
238	48.89	56.11	622	28.96	7.42	8.25	5.53	3.37	14.53	.99	.62	AMP	
				291.47	128.53	287.49	81.13	324.25	272.12	324.64	148.38	PHASE	
239	45.97	68.36	622	34.96	18.84	6.94	6.28	7.64	17.83	1.39	.73	AMP	
				388.71	121.38	268.56	66.97	283.68	274.84	326.88	133.39	PHASE	
240	43.72	64.44	622	42.34	13.42	8.31	6.43	18.63	17.74	1.44	.47	AMP	
				316.49	129.42	253.59	88.18	382.59	386.93	296.53	239.48	PHASE	
241	42.15	71.43	622	53.32	15.81	12.83	5.93	12.54	17.41	2.73	.34	AMP	
				322.67	138.31	244.58	61.58	387.18	318.62	272.65	319.68	PHASE	
242	39.39	88.41	612	64.19	17.46	16.33	6.17	12.64	16.82	7.28	.38	AMP	
				338.65	134.99	258.74	58.55	338.39	317.24	273.79	339.93	PHASE	
243	38.81	187.33	622	76.48	17.61	19.28	5.67	13.89	15.95	8.46	.55	AMP	
				346.59	137.82	253.76	22.27	321.38	383.64	268.32	56.88	PHASE	

TABLE VII.- Continued

(c) Continued

TORSION 28 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
213	6.77	7.98	623	6.37	.71	.68	1.27	1.88	.25	.75	.13 AMP
214	5.83	8.33	622	345.44	88.25	342.81	252.75	323.82	63.91	268.53	94.37 PHASE
215	3.18	9.68	622	5.85	.59	.62	1.28	.89	.75	.11	.11 AMP
216	.95	12.13	623	349.32	56.82	338.18	246.24	321.86	48.53	253.98	188.77 PHASE
217	-1.27	14.62	622	7.79	.78	.49	1.58	.93	.11	1.87	.83 AMP
218	-3.83	18.18	622	355.43	51.38	316.85	246.59	311.98	92.74	246.52	18.31 PHASE
219	-5.84	28.61	624	9.28	1.88	.77	1.78	1.89	.86	1.88	.15 AMP
220	-6.68	22.91	621	357.38	67.98	257.88	238.26	384.89	68.69	226.88	141.83 PHASE
221	7.86	6.26	622	18.91	1.35	1.25	1.89	1.38	.14	.99	.17 AMP
222	5.94	6.87	621	3.54	91.12	244.28	258.37	319.53	8.61	248.41	156.61 PHASE
223	4.28	7.42	622	13.23	2.84	2.82	2.14	1.88	.64	.88	.22 AMP
224	2.18	9.31	622	7.71	181.83	237.65	256.96	328.81	358.85	258.28	221.73 PHASE
225	.47	18.41	623	14.84	2.46	2.63	2.46	2.39	1.88	.91	.28 AMP
226	-1.61	12.32	621	5.29	94.56	231.68	251.23	315.86	326.97	232.45	217.87 PHASE
227	-2.79	14.88	621	16.87	2.98	3.27	2.49	2.38	1.26	1.87	.18 AMP
228	-3.83	15.97	615	5.18	92.33	237.68	268.27	317.83	387.99	248.16	266.65 PHASE
229	18.81	8.78	622	5.19	.48	.69	1.85	1.81	.88	.38	.87 AMP
230	8.15	9.87	622	334.25	78.73	324.82	237.77	287.76	98.73	238.67	43.12 PHASE
231	5.99	9.82	623	5.71	.41	.68	1.12	.96	.12	.42	.85 AMP
232	3.63	11.74	623	347.17	57.72	346.32	246.42	388.68	34.88	257.34	93.84 PHASE
233	1.22	14.41	621	6.32	.43	.59	1.24	1.13	.89	.64	.84 AMP
234	-1.72	17.56	622	352.66	31.93	336.75	249.86	291.61	358.96	251.92	31.43 PHASE
235	-4.98	21.65	622	7.34	.53	.58	1.54	1.26	.83	.76	.88 AMP
236	-9.51	27.27	622	358.87	34.31	328.33	248.76	293.86	251.24	249.63	218.85 PHASE
237	11.59	9.78	621	8.19	.57	.48	1.74	1.44	.89	.75	.89 AMP
238	8.47	15.88	622	357.83	29.99	277.51	226.87	268.49	181.93	213.81	186.56 PHASE
239	3.68	12.97	622	9.59	.65	.72	2.85	1.51	.15	.63	.23 AMP
240	1.18	15.87	622	5.13	67.75	237.47	245.79	382.91	145.28	239.31	233.89 PHASE
241	-2.35	19.58	622	18.68	.95	1.28	2.15	1.52	.29	.62	.28 AMP
242	-6.23	24.38	622	6.89	88.87	225.36	244.88	388.68	187.49	225.65	223.37 PHASE
243	18.99	2.36	622	11.87	1.39	1.78	2.31	1.77	.28	.68	.19 AMP
244	1.43	97.51	288.88	4.78	85.64	211.16	236.95	385.38	51.13	212.49	237.97 PHASE
245	8.47	15.88	622	6.17	1.37	.77	1.36	1.41	.88	.73	.27 AMP
246	3.68	12.97	622	332.73	112.51	2.57	269.95	383.83	317.13	252.88	148.18 PHASE
247	1.18	15.87	622	6.53	1.17	.92	1.28	1.39	.23	.89	.32 AMP
248	-2.35	19.58	622	341.82	187.93	12.73	278.95	385.22	334.88	259.79	184.87 PHASE
249	-6.23	24.38	622	7.31	1.19	.83	1.25	1.44	.17	.93	.47 AMP
250	18.99	2.36	622	349.71	95.89	23.82	273.64	318.91	285.69	265.35	287.71 PHASE
251	1.43	97.51	288.88	8.63	1.48	.54	1.43	1.68	.33	1.11	.52 AMP
252	8.47	15.88	622	351.76	83.15	356.33	264.58	282.81	259.16	254.81	187.14 PHASE
253	3.68	12.97	622	18.29	1.91	.37	1.86	1.92	.42	1.85	.58 AMP
254	1.18	15.87	622	359.85	98.82	313.17	265.56	296.74	311.28	278.11	199.87 PHASE
255	-2.35	19.58	622	12.89	2.47	1.14	2.19	2.42	.61	1.21	.66 AMP
256	-6.23	24.38	622	3.89	98.65	268.18	263.31	286.75	324.83	271.64	187.68 PHASE
257	18.99	2.36	622	16.21	2.66	2.34	2.76	3.18	.97	1.49	.52 AMP
258	1.43	97.51	288.88	7.45	187.89	279.66	273.76	388.58	344.88	298.38	214.21 PHASE
259	18.99	2.36	622	21.69	2.86	5.35	2.96	4.29	2.24	2.85	.49 AMP
260	1.43	97.51	288.88	1.43	118.76	275.38	267.61	272.23	288.89	265.28	272.75 PHASE
261	18.99	2.36	622	6.67	1.69	.41	.94	1.49	.43	.76	.59 AMP
262	1.43	97.51	288.88	336.56	116.58	49.78	279.57	317.46	335.99	277.11	185.28 PHASE
263	8.47	15.88	622	7.48	1.42	.13	.82	1.13	.41	.97	.55 AMP
264	3.68	12.97	622	349.39	121.15	56.76	382.94	317.43	358.84	277.82	218.41 PHASE
265	18.99	2.36	622	8.47	1.58	.85	1.31	1.31	.39	1.85	.45 AMP
266	1.18	15.87	622	349.98	186.15	285.54	281.41	285.18	314.53	252.32	188.26 PHASE
267	3.68	12.97	622	18.87	1.97	.24	.74	1.72	.55	1.84	.58 AMP
268	1.18	15.87	622	356.12	184.12	192.91	267.33	288.36	388.54	271.89	281.38 PHASE
269	-2.35	19.58	622	11.68	2.23	.39	1.13	2.87	.71	1.18	.62 AMP
270	-6.23	24.38	622	357.78	188.41	216.21	256.58	282.31	318.25	263.36	197.93 PHASE
271	18.99	2.36	622	15.87	2.88	.95	1.55	2.69	.68	1.39	.76 AMP
272	1.43	97.51	288.88	11.68	182.48	255.43	267.85	293.88	337.91	269.71	177.68 PHASE
273	18.99	2.36	622	18.99	2.36	2.48	1.88	2.82	.49	1.64	.11 AMP
274	1.43	97.51	288.88	1.43	97.51	288.88	286.51	384.92	4.83	268.35	154.76 PHASE



TABLE VII.- Continued

(c) Continued

FLAPWISE 37 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
213	34.78	15.85	623	8.58	4.61	3.76	.44	2.51	.38	.26	.38 AMP
214	35.96	16.82	622	138.44	318.71	3.93	321.38	67.87	254.82	176.31	198.28 PHASE
215	37.84	16.58	622	9.14	4.82	4.38	.54	2.27	.47	.23	.32 AMP
216	37.89	16.96	623	136.35	316.28	359.83	311.86	63.83	238.38	158.78	178.65 PHASE
217	39.88	18.88	622	18.27	5.38	4.84	.56	2.21	.58	.23	.29 AMP
218	48.86	19.28	622	137.48	316.49	6.46	386.87	58.31	237.35	161.34	172.68 PHASE
219	48.38	19.66	624	11.88	5.61	5.18	.46	2.33	.56	.27	.27 AMP
220	48.68	19.98	621	132.42	388.16	2.37	274.85	44.61	289.44	178.52	157.56 PHASE
221	34.68	18.98	622	11.94	5.55	5.58	.31	2.56	.58	.25	.26 AMP
222	35.88	13.84	621	131.56	318.61	9.13	269.92	61.89	288.71	215.99	184.89 PHASE
223	36.92	13.78	622	12.51	5.71	5.65	.66	2.49	.69	.33	.28 AMP
224	38.89	15.88	622	129.94	312.96	12.79	225.34	81.24	184.36	243.53	212.59 PHASE
225	39.23	15.72	623	12.55	5.96	5.21	.99	2.65	.79	.35	.21 AMP
226	48.47	16.88	621	125.37	386.97	3.87	197.17	77.61	158.39	245.45	223.14 PHASE
227	41.86	17.57	621	12.64	6.31	5.82	1.33	2.61	.95	.24	.12 AMP
228	41.36	18.48	615	121.75	387.24	358.63	192.38	91.38	152.37	239.88	285.88 PHASE
229	32.52	14.58	622	6.67	2.99	2.93	.45	2.48	.28	.14	.31 AMP
230	34.57	16.81	623	132.15	321.88	358.76	354.83	28.53	291.15	283.86	168.44 PHASE
231	35.37	17.47	623	7.66	3.98	4.84	.57	2.21	.32	.24	.38 AMP
232	36.38	18.71	621	139.82	322.25	2.79	348.74	44.53	268.12	191.91	178.88 PHASE
233	37.63	19.13	622	8.47	4.31	4.57	.68	2.39	.39	.21	.27 AMP
234	38.88	19.14	622	138.81	321.78	4.76	334.97	34.29	265.29	196.83	163.39 PHASE
235	38.81	14.85	621	9.61	5.82	5.22	.79	2.78	.38	.27	.27 AMP
236	32.52	14.58	622	139.45	323.79	8.88	328.43	37.58	257.61	237.46	152.68 PHASE
237	33.55	15.95	622	18.51	5.18	5.57	.98	3.88	.28	.34	.25 AMP
238	34.57	16.81	623	132.65	313.88	354.57	318.88	14.33	224.46	213.88	113.95 PHASE
239	35.37	17.47	623	11.79	5.51	6.18	1.13	2.88	.38	.58	.26 AMP
240	36.38	18.71	621	136.31	322.91	9.22	326.74	48.91	228.77	261.88	147.46 PHASE
241	36.95	18.79	622	12.18	5.84	6.87	1.89	2.88	.25	.53	.16 AMP
242	37.63	19.13	622	134.74	319.28	5.94	388.36	37.87	191.78	263.18	117.61 PHASE
243	38.88	19.14	622	12.55	6.11	5.89	.83	2.58	.34	.38	.17 AMP
244	38.81	14.85	621	129.69	312.49	359.28	298.18	39.78	151.63	246.79	93.88 PHASE
245	32.25	16.23	622	8.38	4.28	2.37	.21	3.18	.58	.13	.31 AMP
246	32.97	17.53	622	134.56	313.21	352.21	292.27	52.57	289.19	184.88	195.46 PHASE
247	33.68	18.22	622	9.48	4.75	2.99	.13	3.43	.48	.19	.84 AMP
248	34.47	19.58	622	137.82	314.36	3.26	355.89	59.74	322.69	168.83	244.13 PHASE
249	34.96	28.28	622	18.46	5.29	3.47	.17	3.31	.31	.26	.85 AMP
250	35.54	28.64	622	139.48	315.59	13.82	99.67	78.63	318.86	161.55	2.12 PHASE
				11.41	5.82	3.99	.12	3.85	.33	.33	.16 AMP
				135.98	388.21	9.76	81.89	48.98	281.91	149.62	359.95 PHASE
				12.29	6.22	4.72	.55	2.83	.23	.29	.15 AMP
				135.74	311.94	18.76	182.82	65.38	245.39	181.66	343.89 PHASE
				12.88	6.78	5.81	.57	2.11	.51	.25	.49 AMP
				133.86	313.24	22.51	94.51	55.52	282.24	288.21	322.73 PHASE
				13.35	7.64	4.53	.56	1.17	.79	.36	.55 AMP
				133.72	319.84	29.54	148.82	56.14	283.67	241.87	338.88 PHASE
				13.15	9.88	2.46	.88	.65	.89	.28	.58 AMP
				125.28	386.37	353.98	288.88	333.63	149.42	153.16	382.58 PHASE
				9.96	4.77	1.82	.34	3.14	.48	.28	.89 AMP
				136.98	315.25	41.84	183.75	62.15	314.81	158.98	294.78 PHASE
				11.68	5.78	1.96	.63	2.98	.48	.31	.89 AMP
				141.79	315.31	57.55	188.34	68.68	357.18	168.92	37.48 PHASE
				12.58	6.31	2.57	.82	3.81	.35	.32	.23 AMP
				137.12	385.11	44.89	83.25	44.28	325.91	149.46	92.89 PHASE
				13.32	6.98	3.38	.98	2.85	.39	.28	.34 AMP
				138.56	389.51	42.78	85.61	43.65	332.48	141.98	97.43 PHASE
				14.81	7.48	3.96	.76	2.41	.21	.36	.36 AMP
				136.58	388.79	32.28	88.91	39.43	317.43	141.16	95.32 PHASE
				14.61	8.36	4.84	.51	2.84	.84	.22	.25 AMP
				136.19	312.45	36.58	118.26	24.75	233.91	151.81	12.69 PHASE
				14.64	9.66	2.59	.85	1.38	.25	.42	.42 AMP
				133.64	312.49	15.84	215.43	345.98	288.62	174.87	345.48 PHASE

TABLE VII.- Continued

(c) Continued

CHORDWISE 37 PERCENT RADIUS											
RUN NO		18									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
213	29.55	33.99	623	15.79	5.41	4.19	5.92	6.98	9.02	3.81	1.42 AMP
214	29.39	37.50	622	301.88	115.70	239.08	25.56	323.05	295.02	354.61	117.57 PHASE
215	28.33	51.71	622	21.26	6.64	6.66	7.64	8.21	9.11	4.21	1.51 AMP
216	26.22	74.13	623	307.66	121.55	226.44	15.33	316.29	293.70	1.44	91.55 PHASE
217	24.45	85.89	622	29.76	8.23	11.28	10.55	8.26	10.34	2.28	2.71 AMP
218	22.88	100.36	622	323.61	125.39	230.31	19.64	326.47	273.93	327.44	82.03 PHASE
219	22.65	101.13	624	59.27	10.87	16.07	12.42	9.78	18.29	5.42	2.22 AMP
220	21.90	104.59	621	331.91	124.86	231.94	15.79	308.14	269.86	275.20	62.51 PHASE
221	20.30	21.68	622	49.83	12.32	28.95	13.50	11.53	21.55	6.52	1.92 AMP
222	20.77	32.64	621	337.47	129.34	243.41	23.32	313.14	303.16	282.71	65.04 PHASE
223	20.77	32.64	621	62.60	13.90	25.47	13.72	10.96	19.67	7.22	2.03 AMP
224	20.77	32.64	621	341.82	136.50	249.34	18.25	315.17	321.26	288.81	50.15 PHASE
225	20.77	32.64	621	68.03	14.64	26.94	12.67	10.09	14.85	7.00	2.04 AMP
226	20.77	32.64	621	342.42	133.44	241.23	359.00	287.21	315.59	283.24	14.30 PHASE
227	20.77	32.64	621	75.57	16.03	29.79	12.10	10.58	11.71	7.02	1.54 AMP
228	20.77	32.64	621	345.79	138.00	239.97	344.93	252.78	307.61	312.14	15.06 PHASE
229	20.77	32.64	621	6.68	1.53	3.09	5.96	1.22	8.52	1.97	1.20 AMP
230	20.77	32.64	621	205.35	137.15	237.46	31.00	5.73	247.99	342.68	83.19 PHASE
231	20.77	32.64	621	13.82	3.72	4.88	7.67	6.36	11.87	1.39	1.26 AMP
232	20.77	32.64	621	321.63	135.42	222.01	32.45	324.96	302.29	2.63	110.99 PHASE
233	20.77	32.64	621	19.20	4.69	8.42	9.68	6.71	13.32	1.37	1.66 AMP
234	20.77	32.64	621	331.98	135.36	227.23	27.28	329.78	286.26	279.38	98.02 PHASE
235	20.77	32.64	621	20.18	5.34	13.27	12.05	6.00	16.55	4.22	1.73 AMP
236	20.77	32.64	621	343.34	140.49	238.45	26.75	324.69	280.32	287.78	96.41 PHASE
237	20.77	32.64	621	35.78	6.34	17.36	14.67	5.58	19.00	5.66	1.72 AMP
238	20.77	32.64	621	337.71	127.38	224.09	2.77	206.05	266.90	244.60	41.45 PHASE
239	20.77	32.64	621	50.72	8.18	22.97	17.39	5.37	19.79	6.48	2.25 AMP
240	20.77	32.64	621	345.25	139.59	242.10	14.66	201.41	302.15	283.94	68.75 PHASE
241	20.77	32.64	621	58.68	8.05	25.94	17.63	5.75	18.20	7.46	2.45 AMP
242	20.77	32.64	621	347.89	136.19	241.79	9.92	247.13	294.76	291.06	46.41 PHASE
243	20.77	32.64	621	64.97	9.86	28.26	18.17	8.65	21.87	7.49	2.05 AMP
244	20.77	32.64	621	349.14	134.25	236.96	332.20	224.19	300.04	294.15	12.65 PHASE
245	20.77	32.64	621	12.50	3.44	4.37	4.87	7.46	5.15	2.54	.34 AMP
246	20.77	32.64	621	262.38	99.73	250.49	34.01	13.23	209.56	8.61	70.43 PHASE
247	20.77	32.64	621	18.15	5.37	6.45	6.04	5.03	19.60	2.00	1.41 AMP
248	20.77	32.64	621	203.48	109.39	260.14	37.63	357.60	240.06	350.60	57.70 PHASE
249	20.77	32.64	621	26.26	8.70	6.62	7.52	8.43	16.81	5.29	1.76 AMP
250	20.77	32.64	621	303.55	115.44	253.47	36.41	325.37	283.71	14.36	84.14 PHASE
251	20.77	32.64	621	33.99	11.19	9.04	9.54	9.44	22.43	4.74	1.03 AMP
252	20.77	32.64	621	316.57	117.47	230.08	30.94	319.70	205.01	355.39	40.91 PHASE
253	20.77	32.64	621	43.99	13.34	13.58	11.09	12.53	26.03	5.26	2.03 AMP
254	20.77	32.64	621	327.12	127.05	252.79	41.66	334.19	327.24	345.21	44.73 PHASE
255	20.77	32.64	621	53.63	15.13	17.13	12.40	15.70	29.06	8.00	2.43 AMP
256	20.77	32.64	621	335.17	132.61	259.31	37.16	336.99	331.52	307.45	10.19 PHASE
257	20.77	32.64	621	65.03	16.90	20.50	12.87	17.85	27.59	10.13	3.60 AMP
258	20.77	32.64	621	345.75	143.40	269.84	38.82	353.76	359.02	320.52	16.77 PHASE
259	20.77	32.64	621	79.25	20.86	25.25	13.12	14.11	27.47	11.50	2.93 AMP
260	20.77	32.64	621	351.01	147.77	257.90	8.16	310.66	327.09	282.93	300.97 PHASE
261	20.77	32.64	621	17.00	4.52	5.22	3.93	0.31	1.24	2.33	.40 AMP
262	20.77	32.64	621	263.34	85.00	251.86	47.32	7.47	250.57	24.34	240.43 PHASE
263	20.77	32.64	621	24.22	7.40	7.35	6.96	3.44	21.97	1.97	.03 AMP
264	20.77	32.64	621	290.20	116.70	209.04	73.72	338.43	270.06	16.20	92.32 PHASE
265	20.77	32.64	621	29.45	10.00	7.00	8.21	8.40	27.12	3.09	1.36 AMP
266	20.77	32.64	621	299.26	118.10	276.86	62.39	280.31	275.12	.05	91.32 PHASE
267	20.77	32.64	621	35.79	13.51	8.02	8.65	12.70	27.46	2.06	1.04 AMP
268	20.77	32.64	621	314.56	120.16	273.04	77.16	309.40	309.75	7.66	112.94 PHASE
269	20.77	32.64	621	44.79	15.10	10.09	8.60	15.73	27.04	2.09	1.60 AMP
270	20.77	32.64	621	320.76	129.23	265.54	60.42	315.11	314.71	290.67	54.07 PHASE
271	20.77	32.64	621	54.67	10.04	14.70	9.22	10.21	25.03	10.31	1.96 AMP
272	20.77	32.64	621	335.05	135.55	271.95	50.01	339.74	324.14	271.46	29.25 PHASE
273	20.77	32.64	621	65.20	19.20	10.02	8.41	19.19	24.07	13.00	2.50 AMP
274	20.77	32.64	621	343.00	141.02	274.74	25.21	320.20	309.53	263.34	30.47 PHASE

TABLE VII.- Continued

(c) Continued

TORSION 36 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
213	5.31	8.14	623	6.66	.88	.32	1.88	.91	.26	.47	.87 AMP
214	3.58	8.41	622	338.78	82.89	314.78	223.28	277.25	48.49	221.35	28.29 PHASE
215	1.45	9.63	622	7.14	.63	.27	1.86	.98	.15	.53	.87 AMP
216	-.81	11.63	623	341.84	67.51	381.79	215.78	275.38	43.34	215.91	122.48 PHASE
217	-3.18	13.98	622	8.18	.76	.24	1.38	.98	.18	.78	.86 AMP
218	-5.74	17.82	622	347.37	65.98	247.14	215.62	268.45	62.88	281.75	265.16 PHASE
219	-6.97	19.83	624	9.53	1.14	.73	1.68	1.81	.19	.73	.88 AMP
220	-8.55	21.19	621	349.83	72.22	283.85	288.18	257.58	47.28	181.62	81.21 PHASE
221	5.48	6.76	622	11.83	1.52	1.25	1.71	1.26	.19	.72	.12 AMP
222	3.47	7.41	621	355.88	87.97	281.82	219.27	274.65	29.29	195.53	98.44 PHASE
223	1.88	7.96	622	13.82	2.14	1.95	1.95	1.71	.44	.67	.13 AMP
224	-.19	8.97	622	358.75	92.28	288.39	227.64	288.39	324.38	289.88	157.36 PHASE
225	-1.88	9.96	623	14.43	2.52	2.39	2.21	2.16	.78	.68	.11 AMP
226	-3.98	11.91	621	356.18	84.48	195.99	222.82	277.54	293.84	194.28	158.77 PHASE
227	-5.86	13.42	621	16.19	2.92	2.81	2.28	2.22	.98	.88	.12 AMP
228	-6.12	15.33	615	355.93	81.41	282.31	232.54	281.61	271.86	288.18	283.72 PHASE
229	8.57	8.61	622	5.64	.57	.31	.91	.94	.13	.23	.84 AMP
230	4.63	9.45	623	329.31	78.18	381.83	289.22	243.93	44.18	192.37	322.36 PHASE
231	2.34	18.95	623	6.15	.58	.38	.93	.98	.14	.38	.83 AMP
232	.89	12.93	621	348.88	78.88	319.86	215.18	256.82	36.15	224.21	61.96 PHASE
233	-2.58	15.41	622	6.79	.48	.22	1.18	1.82	.88	.44	.84 AMP
234	-5.44	19.13	622	345.29	55.96	299.88	216.24	249.22	16.21	287.48	381.65 PHASE
235	-9.43	23.56	622	7.79	.47	.19	1.39	1.17	.88	.55	.82 AMP
236	18.19	9.37	621	358.88	52.77	234.88	216.88	251.47	79.67	282.43	122.71 PHASE
237	7.19	9.91	622	8.57	.58	.34	1.57	1.32	.11	.56	.88 AMP
238	5.86	18.81	622	348.54	49.87	187.47	192.61	226.25	71.53	165.52	81.55 PHASE
239	2.59	12.24	622	9.82	.69	.83	1.82	1.35	.22	.48	.18 AMP
240	.35	14.17	622	356.28	82.62	185.78	213.28	268.79	82.28	191.15	186.32 PHASE
241	-2.83	17.36	622	18.75	1.81	1.24	1.89	1.33	.36	.47	.18 AMP
242	-6.28	19.84	622	357.13	86.98	183.59	211.91	266.63	57.97	176.97	182.71 PHASE
243	18.19	9.37	621	11.81	1.46	1.78	2.81	1.54	.34	.49	.12 AMP
244	7.19	9.91	622	355.48	85.83	174.93	284.89	266.25	18.78	167.56	287.27 PHASE
245	5.86	18.81	622	6.35	1.48	.54	1.21	1.27	.82	.44	.18 AMP
246	2.59	12.24	622	326.83	182.65	344.32	238.16	268.84	339.36	211.66	98.48 PHASE
247	2.59	12.24	622	6.78	1.31	.65	1.12	1.28	.14	.55	.19 AMP
248	.35	14.17	622	334.47	181.79	355.82	247.99	261.88	383.88	215.82	135.68 PHASE
249	-2.83	17.36	622	7.44	1.26	.55	1.88	1.35	.85	.62	.27 AMP
250	-6.28	19.84	622	341.88	93.13	6.94	244.37	267.33	228.83	219.25	159.24 PHASE
				8.67	1.53	.22	1.32	1.51	.13	.76	.38 AMP
				343.38	78.22	335.71	233.44	242.57	282.83	218.11	141.99 PHASE
				18.27	1.92	.27	1.72	1.73	.23	.74	.26 AMP
				358.22	82.74	221.27	234.84	259.57	264.25	235.63	158.52 PHASE
				12.41	2.36	.98	2.88	2.86	.48	.85	.48 AMP
				353.56	86.11	219.28	233.84	249.92	274.14	231.16	136.14 PHASE
				15.32	2.49	1.83	2.67	2.61	.71	1.86	.36 AMP
				357.41	92.42	241.34	245.38	264.14	298.48	249.91	168.16 PHASE
				19.93	1.86	4.84	3.85	3.48	1.85	2.87	.48 AMP
				358.57	86.62	246.92	241.88	238.38	236.35	222.11	215.89 PHASE
				6.76	1.88	.41	.85	1.32	.27	.47	.37 AMP
				328.75	187.21	18.83	242.87	274.65	385.41	235.51	132.88 PHASE
				7.49	1.62	.89	.88	1.88	.24	.62	.34 AMP
				348.32	112.24	34	263.97	274.78	317.48	238.88	154.53 PHASE
				8.35	1.74	.11	.76	1.12	.18	.78	.26 AMP
				348.21	97.67	165.52	242.32	243.83	284.78	285.86	128.69 PHASE
				9.76	2.85	.45	.88	1.43	.31	.78	.34 AMP
				345.87	92.32	159.49	234.46	239.87	256.79	228.26	148.69 PHASE
				11.28	2.25	.61	1.22	1.67	.47	.75	.39 AMP
				347.23	87.38	169.97	227.41	248.76	268.24	222.43	144.56 PHASE
				14.18	2.69	.89	1.68	2.11	.51	.85	.47 AMP
				358.78	85.36	283.99	237.71	252.15	298.68	223.58	132.44 PHASE
				17.47	2.27	1.78	1.96	2.81	.39	.99	.63 AMP
				358.84	76.11	254.76	268.56	266.65	319.81	213.16	185.55 PHASE

TABLE VII.- Continued

(c) Continued

FLAPWISE 51 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
213	21.17	17.72	623	11.82	6.31	5.27	.95	.97	.57	1.65	.93 AMP
214	22.27	18.78	622	129.38	386.42	358.32	312.92	245.46	128.52	41.57	218.28 PHASE
215	23.86	21.74	622	11.99	6.59	6.23	.91	.97	.48	1.63	.58 AMP
216	23.68	24.85	623	129.41	381.58	354.55	388.24	241.48	121.68	38.96	284.12 PHASE
217	24.53	26.14	622	13.57	7.48	7.86	.98	.92	.39	1.93	.68 AMP
218	25.58	27.57	622	131.82	388.31	359.82	313.64	251.84	189.55	32.35	179.11 PHASE
219	25.62	27.73	624	15.13	8.14	7.51	.88	.97	.39	2.85	.46 AMP
220	25.93	28.54	621	128.64	298.91	354.86	385.88	236.78	81.49	9.27	176.15 PHASE
221	22.83	12.23	622	16.43	8.46	8.16	.82	1.84	.26	2.85	.45 AMP
222	22.76	14.99	621	138.12	291.56	359.33	387.48	248.93	76.97	15.58	184.51 PHASE
223	23.66	17.13	622	17.49	8.83	8.63	.62	1.15	.38	2.87	.89 AMP
224	24.51	19.91	622	138.36	291.77	2.31	312.66	255.23	63.56	15.96	276.26 PHASE
225	25.54	21.71	623	17.74	9.21	8.17	.36	1.24	.26	2.36	.55 AMP
226	26.73	24.43	621	127.88	284.95	353.24	296.81	237.31	31.56	349.13	269.82 PHASE
227	27.28	25.18	621	18.84	9.68	8.18	.87	1.17	.41	2.52	.88 AMP
228	27.37	26.64	615	125.89	284.81	358.38	261.69	239.54	28.23	344.35	284.62 PHASE
229	18.69	16.14	622	8.53	3.98	3.85	.62	.83	.39	.71	.58 AMP
230	19.54	17.48	622	124.19	386.74	343.23	286.32	225.59	189.38	19.99	165.18 PHASE
231	28.97	21.81	623	9.98	5.16	5.46	.56	.81	.43	.78	.53 AMP
232	21.79	23.94	621	131.32	387.96	355.85	387.12	234.44	132.85	37.43	177.84 PHASE
233	22.39	25.82	622	11.88	5.68	6.29	.44	.81	.38	.92	.59 AMP
234	22.91	27.59	622	132.51	385.95	358.19	381.18	226.17	123.73	31.68	159.47 PHASE
235	22.81	29.41	622	12.63	6.66	7.41	.48	.93	.25	.91	.52 AMP
236	16.71	16.22	621	135.28	386.61	2.89	389.37	242.26	121.76	21.58	157.76 PHASE
237	17.89	23.98	622	13.93	7.88	8.86	.35	.91	.19	.81	.55 AMP
238	19.72	26.81	622	138.89	295.88	348.76	388.88	222.38	66.98	337.46	187.94 PHASE
239	19.99	28.39	622	15.68	7.65	9.86	.25	.93	.21	.78	.64 AMP
240	28.19	38.13	622	135.28	383.16	3.46	343.37	245.92	63.35	349.51	111.71 PHASE
241	19.03	23.98	622	16.48	8.87	9.21	.22	1.83	.23	1.81	.45 AMP
242	19.72	26.81	622	134.92	297.59	.26	356.88	246.99	8.96	338.98	94.59 PHASE
243	16.71	16.22	621	17.89	8.26	9.28	.31	.92	.38	1.18	.68 AMP
244	17.89	23.98	622	138.91	298.82	353.42	63.83	231.45	344.54	319.84	99.72 PHASE
245	17.89	23.98	622	18.16	5.99	3.47	.63	1.12	1.81	1.97	.59 AMP
246	18.45	21.81	622	125.43	387.28	346.45	298.59	212.78	113.48	47.75	257.13 PHASE
247	19.03	23.98	622	11.59	6.53	4.43	.64	.95	1.14	2.12	.52 AMP
248	19.72	26.81	622	138.84	387.45	356.63	311.38	222.64	118.38	62.93	353.46 PHASE
249	19.99	28.39	622	133.29	386.48	2.61	318.25	228.85	125.25	78.52	22.42 PHASE
250	28.19	38.13	622	14.78	7.85	5.67	.63	.72	.95	2.38	1.81 AMP
251	16.71	16.22	621	131.16	297.86	357.83	314.76	191.41	92.87	54.74	1.69 PHASE
252	16.71	16.22	621	16.16	8.57	6.55	.77	.49	.94	2.39	1.88 AMP
253	17.89	23.98	622	132.85	388.84	6.38	344.26	287.71	93.78	66.19	1.56 PHASE
254	17.89	23.98	622	17.38	9.38	6.73	.89	.24	.95	2.72	1.98 AMP
255	17.89	23.98	622	132.24	388.23	9.44	7.53	157.12	73.51	53.72	341.84 PHASE
256	17.89	23.98	622	18.49	18.49	6.25	.82	.32	1.87	2.84	2.17 AMP
257	17.89	23.98	622	134.64	385.49	15.74	55.84	128.63	67.57	65.31	359.82 PHASE
258	17.89	23.98	622	18.58	13.46	4.59	.58	.29	1.57	3.15	2.76 AMP
259	17.89	23.98	622	129.75	293.27	348.98	99.47	15.64	28.51	18.52	327.29 PHASE
260	17.89	23.98	622	11.28	6.43	2.14	.34	1.33	1.38	1.98	1.82 AMP
261	17.89	23.98	622	127.85	311.84	12.68	292.86	289.74	133.82	76.91	336.72 PHASE
262	17.89	23.98	622	13.44	7.61	3.21	.53	.92	1.24	2.84	.93 AMP
263	17.89	23.98	622	135.19	318.23	33.37	323.95	227.65	136.88	88.38	13.88 PHASE
264	17.89	23.98	622	14.24	8.38	3.72	.78	.98	1.16	1.89	.37 AMP
265	17.89	23.98	622	132.84	299.17	28.58	388.48	282.71	114.66	68.68	358.83 PHASE
266	17.89	23.98	622	16.12	8.91	4.59	.83	.74	1.17	1.92	.76 AMP
267	17.89	23.98	622	134.17	381.41	24.18	338.88	193.46	118.51	74.27	8.69 PHASE
268	17.89	23.98	622	17.18	9.69	5.54	.91	.64	.93	2.88	.99 AMP
269	17.89	23.98	622	133.65	299.13	15.83	345.84	186.17	181.18	68.28	5.52 PHASE
270	17.89	23.98	622	18.25	11.34	5.98	.78	.56	.83	2.27	1.78 AMP
271	17.89	23.98	622	135.26	388.98	17.24	9.21	183.78	74.54	52.76	344.88 PHASE
272	17.89	23.98	622	18.68	13.98	5.22	.37	.28	1.87	2.88	2.35 AMP
273	17.89	23.98	622	135.56	388.52	359.43	18.68	228.74	28.84	39.38	341.28 PHASE

TABLE VII.- Continued

(c) Continued

CHORDWISE 51 PERCENT RADIUS											
RUN NO		18									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
213	27.92	38.58	623	15.45	4.84	3.95	7.44	7.68	11.45	5.15	1.99 AMP
214	27.58	43.78	622	298.66	115.97	261.52	29.59	323.94	296.28	3.48	132.66 PHASE
215	26.78	53.16	622	28.38	5.88	5.96	9.64	8.85	11.46	5.69	2.12 AMP
216	24.35	75.81	623	384.29	118.66	246.24	19.41	316.13	296.87	8.87	181.88 PHASE
217	21.58	84.87	622	27.54	7.44	9.71	12.62	9.28	12.93	2.82	3.91 AMP
218	18.87	93.23	622	316.94	128.48	246.73	23.25	327.65	276.29	341.86	93.44 PHASE
219	18.19	91.83	624	35.77	9.99	14.15	14.59	18.92	22.86	6.13	3.29 AMP
220	16.81	108.99	621	324.29	128.88	245.52	16.82	318.28	272.81	279.93	88.22 PHASE
221	24.78	27.22	622	45.38	11.45	19.14	16.19	12.43	27.82	8.29	2.73 AMP
222	24.13	36.68	621	338.48	124.69	254.55	23.19	317.87	385.58	285.29	88.44 PHASE
223	24.29	58.46	622	56.66	13.46	24.18	17.89	11.41	24.67	9.68	2.31 AMP
224	24.25	66.81	622	335.32	138.83	258.84	18.46	318.75	323.46	291.32	64.23 PHASE
225	24.43	77.65	623	61.18	14.98	26.84	16.14	18.17	18.69	18.71	2.38 AMP
226	23.26	93.59	621	336.16	126.37	248.58	18.88	287.85	317.81	288.38	15.98 PHASE
227	22.37	91.62	621	67.31	17.54	29.79	15.88	12.88	15.83	9.59	1.92 AMP
228	21.28	95.37	615	348.47	131.76	247.14	358.75	246.28	387.78	317.67	6.48 PHASE
229	33.74	34.89	622	6.74	1.38	2.94	6.86	1.27	18.66	2.71	1.81 AMP
230	32.89	48.31	622	287.58	151.86	258.72	38.85	6.39	258.28	345.31	89.54 PHASE
231	32.83	55.28	623	12.47	3.29	4.12	9.31	6.63	14.89	1.71	1.87 AMP
232	29.88	67.88	623	316.28	135.88	246.33	34.38	325.76	384.18	14.28	124.63 PHASE
233	27.82	81.88	621	17.85	4.18	7.28	11.61	7.25	16.85	1.65	2.58 AMP
234	28.40	103.71	622	325.51	135.33	245.95	38.95	332.61	287.98	278.36	112.14 PHASE
235	17.74	115.97	622	25.43	4.78	11.68	14.25	6.74	28.91	5.71	2.93 AMP
236	15.83	185.46	622	335.65	138.62	253.86	38.59	338.61	289.57	285.87	116.58 PHASE
237	15.83	185.46	622	32.26	5.68	15.18	17.42	5.76	25.84	7.76	2.62 AMP
238	15.83	185.46	622	338.53	126.88	238.28	6.26	295.66	268.53	242.48	61.58 PHASE
239	15.83	185.46	622	44.76	6.99	28.55	28.85	5.84	24.94	9.19	3.86 AMP
240	15.83	185.46	622	338.41	137.84	254.78	18.58	287.81	384.81	282.28	84.42 PHASE
241	15.83	185.46	622	51.17	7.52	23.59	21.82	5.23	22.75	18.28	3.15 AMP
242	15.83	185.46	622	348.72	138.38	253.15	5.65	246.83	296.58	291.39	54.23 PHASE
243	15.83	185.46	622	56.19	8.62	26.83	21.89	8.43	26.91	18.17	2.38 AMP
244	15.83	185.46	622	341.38	126.49	246.57	339.96	221.62	381.26	296.93	15.67 PHASE
245	15.83	185.46	622	12.55	3.33	4.23	5.52	8.87	6.47	3.82	.53 AMP
246	15.83	185.46	622	264.62	188.75	268.95	36.23	14.88	211.28	16.85	98.64 PHASE
247	15.83	185.46	622	17.56	5.87	6.15	7.87	5.45	24.24	2.83	2.81 AMP
248	15.83	185.46	622	282.25	188.81	268.73	38.79	1.35	243.11	3.41	62.81 PHASE
249	15.83	185.46	622	24.39	8.82	6.25	8.85	8.81	28.84	7.13	2.41 AMP
250	15.83	185.46	622	299.79	113.19	265.25	39.87	326.88	266.76	22.12	98.42 PHASE
251	15.83	185.46	622	31.47	10.48	8.86	11.18	18.15	27.84	6.29	2.61 AMP
252	15.83	185.46	622	311.88	111.95	249.67	32.94	323.37	268.68	6.63	68.62 PHASE
253	15.83	185.46	622	48.77	12.55	12.51	13.13	14.17	32.44	6.21	2.33 AMP
254	15.83	185.46	622	321.58	121.34	263.92	43.77	339.96	338.32	.45	68.23 PHASE
255	15.83	185.46	622	58.89	14.32	15.98	14.97	18.19	36.33	8.64	2.88 AMP
256	15.83	185.46	622	323.93	124.84	268.91	37.52	344.74	335.43	315.97	16.71 PHASE
257	15.83	185.46	622	63.43	16.94	19.64	16.39	28.58	34.68	11.38	4.99 AMP
258	15.83	185.46	622	339.62	136.88	277.16	37.88	2.21	4.38	326.31	17.88 PHASE
259	15.83	185.46	622	71.79	22.88	26.43	17.28	16.88	34.62	13.58	5.12 AMP
260	15.83	185.46	622	346.64	144.58	266.14	8.84	318.59	333.84	298.47	385.29 PHASE
261	15.83	185.46	622	16.51	4.23	4.54	4.34	6.46	8.69	3.31	.52 AMP
262	15.83	185.46	622	263.85	88.13	258.81	53.95	7.29	258.61	35.35	293.87 PHASE
263	15.83	185.46	622	22.56	6.95	6.26	7.48	3.47	27.26	2.86	1.58 AMP
264	15.83	185.46	622	287.38	113.81	291.84	74.97	348.31	272.88	34.53	86.57 PHASE
265	15.83	185.46	622	27.26	18.13	5.92	8.89	8.51	33.56	5.91	2.25 AMP
266	15.83	185.46	622	295.82	113.88	288.88	63.27	289.35	277.82	15.36	94.21 PHASE
267	15.83	185.46	622	33.44	12.87	6.87	9.71	13.42	34.13	3.52	2.18 AMP
268	15.83	185.46	622	318.89	128.54	279.46	75.68	312.77	313.89	41.24	114.44 PHASE
269	15.83	185.46	622	41.86	14.74	9.78	18.22	17.13	33.46	1.28	2.77 AMP
270	15.83	185.46	622	316.41	128.58	274.12	58.95	328.57	319.33	341.35	76.85 PHASE
271	15.83	185.46	622	51.64	17.82	14.88	11.59	21.86	32.83	11.11	3.84 AMP
272	15.83	185.46	622	329.74	125.85	288.92	46.16	348.49	338.48	273.56	45.56 PHASE
273	15.83	185.46	622	61.84	19.55	19.61	12.24	21.46	29.82	14.62	4.81 AMP
274	15.83	185.46	622	338.14	133.21	282.46	23.93	336.87	316.88	263.89	35.26 PHASE

TABLE VII.- Continued

(c) Continued

TORSION 50 PERCENT RADIUS											
RUN NO		10									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
213	2.67	6.99	623	5.65	.61	.31	.80	.82	.30	.34	.11 AMP
				347.45	113.95	343.11	249.85	307.85	63.27	274.33	123.82 PHASE
214	1.20	7.17	622	6.80	.40	.23	.79	.79	.20	.40	.11 AMP
				350.30	109.60	140.58	241.07	305.14	89.00	271.84	150.03 PHASE
215	-5.54	7.04	622	6.57	.35	.11	.92	.78	.22	.52	.01 AMP
				355.75	107.39	305.87	240.61	295.11	92.15	250.70	350.30 PHASE
216	-2.34	9.04	623	7.44	.45	.20	1.21	.96	.32	.54	.12 AMP
				356.64	99.62	217.71	226.93	287.11	70.16	226.39	134.71 PHASE
217	-4.14	10.73	622	8.34	.63	.64	1.45	1.20	.38	.56	.14 AMP
				1.66	102.77	198.98	238.89	307.20	70.09	241.02	123.80 PHASE
218	-6.27	12.92	622	9.75	1.02	1.22	1.73	1.50	.39	.53	.12 AMP
				4.77	100.47	196.22	247.21	321.71	39.33	260.38	147.37 PHASE
219	-7.20	14.33	624	10.67	1.23	1.47	1.97	1.97	.51	.59	.10 AMP
				1.66	88.10	192.22	241.63	310.38	349.77	253.15	126.54 PHASE
220	-8.54	15.88	621	11.05	1.42	1.63	2.05	2.13	.61	.73	.03 AMP
				.67	80.50	198.93	251.05	316.39	324.08	257.45	202.68 PHASE
221	3.32	5.85	622	4.82	.42	.23	.70	.80	.18	.17	.07 AMP
				338.98	96.65	332.76	236.40	274.11	66.71	239.13	70.40 PHASE
222	1.60	6.20	621	5.23	.30	.19	.71	.74	.18	.21	.10 AMP
				350.00	110.73	351.20	239.56	207.26	76.05	271.03	97.67 PHASE
223	.19	6.63	622	5.68	.18	.10	.80	.86	.14	.32	.08 AMP
				354.41	112.82	343.36	239.38	278.31	69.71	255.29	63.93 PHASE
224	-1.61	7.37	622	6.40	.15	.05	1.02	1.02	.13	.41	.03 AMP
				359.67	112.24	251.94	236.70	283.60	88.20	245.06	117.05 PHASE
225	-3.09	8.21	623	6.90	.17	.10	1.20	1.15	.15	.42	.04 AMP
				357.15	117.29	180.11	213.30	258.34	70.14	202.47	64.83 PHASE
226	-4.06	9.57	621	7.93	.35	.53	1.41	1.10	.20	.39	.02 AMP
				4.62	141.66	109.67	233.05	292.59	97.71	223.75	263.09 PHASE
227	-5.90	10.60	621	8.57	.56	.82	1.47	1.17	.41	.40	.05 AMP
				5.09	129.53	180.41	232.15	298.10	81.06	207.77	275.39 PHASE
228	-6.75	12.16	615	9.19	.79	1.17	1.53	1.20	.41	.45	.12 AMP
				3.06	119.27	179.66	223.22	296.82	55.10	200.04	299.20 PHASE
236	4.87	7.22	622	5.29	1.20	.52	.95	1.11	.09	.27	.20 AMP
				334.95	119.12	357.37	264.54	209.21	99.51	269.74	167.17 PHASE
237	3.31	7.32	622	5.54	1.04	.61	.86	1.11	.07	.33	.18 AMP
				343.42	123.92	7.03	274.63	294.41	29.84	263.85	208.55 PHASE
238	1.53	7.56	623	6.05	.89	.59	.70	1.11	.07	.42	.20 AMP
				350.49	121.94	16.04	269.33	297.83	193.15	270.15	219.20 PHASE
239	-.33	8.16	623	6.75	.77	.46	.95	1.24	.12	.53	.19 AMP
				351.34	105.76	4.16	254.03	271.87	224.94	257.02	208.46 PHASE
240	-2.18	9.73	621	7.72	.91	.15	1.35	1.43	.12	.57	.19 AMP
				357.16	98.47	18.61	256.86	290.40	279.99	204.85	203.00 PHASE
241	-4.29	11.48	622	9.01	1.07	.39	1.02	1.61	.30	.63	.33 AMP
				359.00	89.30	217.91	254.05	202.22	297.05	207.25	102.74 PHASE
242	-6.77	14.34	622	11.03	1.22	1.07	2.47	1.93	.70	.75	.13 AMP
				1.33	81.71	239.66	269.92	294.64	319.59	309.37	217.92 PHASE
243	-9.98	17.69	622	14.36	1.15	2.34	3.15	2.60	1.04	1.52	.57 AMP
				351.43	32.54	250.89	265.03	269.49	273.67	270.94	261.23 PHASE
244	6.03	7.41	621	5.45	1.51	.40	.65	1.00	.10	.28	.29 AMP
				336.23	121.61	16.52	274.42	303.97	356.11	290.41	192.32 PHASE
245	3.51	7.61	622	5.89	1.19	.30	.59	.83	.12	.35	.23 AMP
				347.91	132.91	4.66	207.94	304.77	1.43	272.40	217.04 PHASE
246	1.03	7.08	622	6.30	1.09	.19	.50	.92	.07	.46	.15 AMP
				347.34	119.77	357.65	262.01	274.96	315.64	246.79	160.97 PHASE
247	-.11	8.92	622	7.19	1.05	.17	.72	1.07	.20	.49	.21 AMP
				351.91	100.32	102.56	254.75	270.53	267.91	274.57	186.59 PHASE
248	-1.94	9.97	622	8.14	1.03	.23	1.01	1.24	.35	.55	.25 AMP
				352.55	97.39	139.25	249.36	271.41	277.31	268.73	190.03 PHASE
249	-4.51	12.44	622	10.06	1.31	.46	1.45	1.52	.49	.50	.33 AMP
				354.01	76.93	190.11	263.17	200.00	317.69	274.09	160.46 PHASE
250	-7.38	14.64	622	12.55	1.45	.09	1.89	1.37	.54	.53	.37 AMP
				351.34	44.92	264.27	285.00	294.10	336.86	247.01	167.04 PHASE

TABLE VII.- Continued

(c) Continued

FLAPWISE 77 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
213	-1.49	22.65	623	16.27	5.79	3.57	1.66	3.55	1.48	1.82	1.32	AMP
214	1.18	22.99	622	139.56	318.51	313.38	138.33	239.82	55.16	286.28	33.23	PHASE
215	2.84	25.85	622	16.92	5.98	4.84	1.41	3.35	1.42	1.83	1.04	AMP
216	4.36	28.14	623	139.85	313.57	316.26	119.12	237.14	42.18	197.15	16.93	PHASE
217	6.16	29.85	622	18.38	6.82	4.58	1.39	3.38	1.54	2.81	1.97	AMP
218	8.18	32.25	622	142.49	311.54	323.73	112.18	234.71	59.89	199.42	352.84	PHASE
219	8.68	33.28	624	19.71	7.88	4.38	1.14	3.79	1.57	2.84	1.56	AMP
220	9.39	33.97	621	148.98	388.29	328.12	81.32	228.93	38.72	174.43	343.41	PHASE
221	-1.48	17.84	622	21.15	8.33	4.75	1.35	4.35	1.58	1.98	1.39	AMP
222	1.17	28.24	621	143.86	388.38	327.62	66.85	236.49	43.78	176.43	358.37	PHASE
223	2.75	21.96	622	22.76	8.96	5.81	1.35	4.66	1.82	1.98	1.39	AMP
224	4.54	24.78	622	145.48	298.98	331.57	38.92	254.26	28.97	176.99	189.57	PHASE
225	6.11	26.42	623	23.47	9.39	4.85	1.72	4.75	1.88	2.41	1.92	AMP
226	7.95	29.51	621	142.89	292.48	328.15	15.97	249.39	11.44	161.88	122.88	PHASE
227	8.85	38.54	621	24.33	9.72	4.98	2.11	4.78	1.95	2.53	1.32	AMP
228	9.63	31.57	615	142.71	291.38	316.36	18.74	259.69	2.51	148.98	126.78	PHASE
229	-4.23	22.86	622	13.82	3.93	3.82	1.38	3.46	1.88	1.87	1.89	AMP
230	-2.76	24.24	622	135.88	322.24	381.71	144.88	199.58	85.69	168.53	348.77	PHASE
231	-1.87	25.63	623	14.88	4.85	3.85	1.48	3.25	1.38	1.81	1.81	AMP
232	1.68	27.72	623	141.84	328.27	319.54	133.61	215.11	88.45	195.81	4.81	PHASE
233	2.44	38.13	621	15.74	5.35	4.21	1.54	3.56	1.38	1.81	1.81	AMP
234	4.29	32.98	622	142.63	316.36	324.56	124.58	285.65	75.46	193.58	346.42	PHASE
235	5.83	34.28	622	17.11	6.29	4.79	1.67	4.12	1.48	1.84	1.77	AMP
236	7.42	36.42	622	144.99	313.72	335.58	111.28	211.84	75.58	182.79	341.18	PHASE
237	-7.81	24.24	621	18.17	6.98	5.38	1.74	4.58	1.35	1.98	1.81	AMP
238	-8.68	29.51	621	148.93	388.72	324.16	82.69	249.39	41.46	136.29	298.16	PHASE
239	-9.63	31.57	615	19.82	7.87	6.18	1.93	4.52	1.39	1.93	1.94	AMP
240	-4.38	25.63	622	146.68	386.59	341.98	99.89	215.98	55.84	145.35	288.44	PHASE
241	-2.66	26.66	622	28.76	8.48	6.21	2.83	4.56	1.45	1.88	1.77	AMP
242	-1.86	28.48	622	145.93	388.27	348.27	84.77	213.14	61.77	132.15	264.72	PHASE
243	1.84	38.47	622	21.71	8.73	6.87	2.82	4.32	1.41	1.33	1.97	AMP
244	2.94	32.55	622	143.13	293.59	335.17	67.45	213.15	16.82	123.41	264.78	PHASE
245	4.82	33.59	622	15.68	5.88	3.28	2.35	4.86	1.41	2.22	1.88	AMP
246				133.95	315.92	287.36	149.16	216.95	329.54	222.68	78.24	PHASE
247				139.19	315.28	381.52	164.81	228.58	291.29	236.55	181.32	PHASE
248				17.65	6.78	3.67	1.38	4.57	1.35	2.33	1.18	AMP
249				143.15	312.56	311.42	164.44	248.68	384.11	238.29	285.71	PHASE
250				19.11	7.16	3.47	1.18	4.42	1.41	2.69	1.62	AMP
				141.43	383.63	389.45	148.98	221.89	271.32	228.14	184.53	PHASE
				28.61	7.71	3.53	1.78	4.25	1.58	2.57	1.59	AMP
				144.73	386.28	322.33	156.38	238.33	269.72	239.13	188.21	PHASE
				22.23	8.82	2.78	1.67	3.15	1.55	2.81	2.91	AMP
				145.85	383.99	328.49	125.43	231.31	319.78	226.38	161.13	PHASE
				24.28	8.52	1.92	1.22	1.32	1.37	3.82	3.46	AMP
				147.98	389.81	327.34	188.94	235.56	34.35	238.94	182.29	PHASE
				25.99	9.78	1.88	3.89	1.38	1.86	3.52	4.83	AMP
				141.35	299.78	251.49	73.16	89.22	69.65	193.46	158.18	PHASE
				15.29	6.92	2.59	1.78	4.67	1.14	2.81	1.78	AMP
				134.79	315.19	387.43	179.87	223.33	311.94	245.94	153.11	PHASE
				16.74	7.37	1.98	1.77	4.34	1.19	2.87	1.42	AMP
				141.97	316.68	336.36	194.89	231.47	189.44	255.78	188.43	PHASE
				17.91	7.77	1.88	1.68	4.45	1.22	1.88	1.63	AMP
				139.42	385.37	331.52	188.11	287.48	123.17	227.89	167.96	PHASE
				19.25	7.98	1.98	1.44	4.25	1.16	1.88	1.82	AMP
				142.65	386.28	343.57	188.72	289.21	113.35	248.66	178.43	PHASE
				21.82	7.99	2.88	1.38	3.53	1.15	1.98	1.44	AMP
				142.14	383.32	343.74	171.77	286.88	5.58	239.98	182.22	PHASE
				23.83	8.49	1.76	1.88	2.58	1.49	1.99	2.71	AMP
				144.17	382.43	347.75	159.65	193.85	58.97	226.33	164.16	PHASE
				25.84	9.32	1.25	1.28	1.65	1.81	2.93	3.75	AMP
				143.88	388.88	299.91	91.87	129.92	94.79	285.85	162.98	PHASE

TABLE VII.- Continued

(c) Continued

CHORDWISE 77 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
213	23.37	17.96	623	4.76	2.37	3.49	2.78	4.00	4.60	1.29	1.19
214	24.94	20.14	622	175.36	330.67	311.68	46.15	273.11	294.20	343.10	83.48
215	27.20	19.50	622	4.08	2.30	4.09	3.85	4.44	4.67	1.46	1.15
216	28.64	27.39	623	189.69	327.81	304.44	32.07	278.68	295.73	2.00	72.52
217	29.95	33.98	622	3.13	2.58	5.04	5.11	4.11	5.03	.51	1.84
218	31.34	34.83	622	213.58	327.68	304.94	32.84	285.55	276.14	270.40	72.32
219	32.28	33.72	624	2.70	2.68	5.11	6.17	5.01	9.34	2.24	1.70
220	32.96	34.10	621	249.50	315.69	295.83	21.82	269.89	269.56	250.13	71.85
221	26.08	20.31	622	4.20	2.94	7.69	6.93	6.00	11.30	2.85	1.55
222	25.23	17.46	621	283.75	318.96	298.85	25.42	279.44	302.57	261.75	88.76
223	27.37	20.69	622	6.42	2.82	8.88	7.44	6.59	11.05	3.36	.95
224	29.07	22.59	622	303.78	321.51	296.99	21.06	285.01	320.39	269.69	102.96
225	30.34	27.01	623	6.62	2.14	8.84	6.68	7.27	8.98	3.50	.95
226	31.19	30.09	621	310.13	317.12	288.64	3.20	261.31	312.45	269.34	61.76
227	31.71	31.70	621	7.14	.94	9.68	6.02	8.70	7.69	3.15	.81
228	26.57	20.31	622	322.89	306.67	269.92	352.61	244.56	301.68	306.75	74.40
229	26.08	20.31	622	5.30	1.70	2.91	2.28	2.08	4.00	.67	1.01
230	23.60	24.04	623	153.03	316.77	300.56	42.54	201.47	241.97	336.95	43.59
231	24.63	27.14	623	3.94	2.09	3.51	3.56	2.80	5.88	.16	.77
232	25.16	29.29	621	163.56	324.99	310.07	45.30	266.35	299.03	43.47	83.27
233	25.71	30.61	622	2.73	2.15	4.20	4.53	2.37	6.75	.99	.99
234	26.57	41.35	622	174.54	323.65	306.70	41.72	265.59	282.92	221.90	78.01
235	27.23	47.40	622	1.32	2.75	5.63	5.94	2.83	8.41	2.34	1.05
236	27.76	31.97	622	204.07	320.13	309.03	39.71	255.73	284.48	261.24	99.04
237	28.64	27.39	623	1.67	3.85	6.62	7.24	3.29	10.26	3.12	.89
238	29.95	33.98	622	262.04	309.86	292.19	14.69	219.75	262.69	222.46	42.50
239	31.34	34.83	622	3.86	3.62	8.47	8.62	4.21	10.31	3.41	.80
240	31.71	31.70	621	305.61	316.84	304.78	28.01	234.67	298.75	266.04	76.54
241	31.74	36.08	615	4.94	3.95	9.32	8.70	4.96	9.45	3.59	.82
242	20.86	19.40	622	313.53	313.34	299.93	17.35	220.05	291.51	278.70	35.14
243	21.95	20.48	622	5.70	4.01	9.75	8.18	6.09	11.30	3.44	.32
244	23.60	24.04	623	318.65	306.61	290.86	355.91	212.40	295.29	209.94	323.49
245	24.63	27.14	623	6.61	2.55	3.20	1.92	1.26	2.47	.84	.80
246	25.16	29.29	621	165.34	323.62	286.53	74.96	290.29	280.45	316.39	83.61
247	25.71	30.61	622	5.94	2.50	3.90	2.27	2.53	9.88	1.15	.83
248	26.57	41.35	622	101.74	327.96	297.69	60.99	260.17	237.96	287.40	104.21
249	27.23	47.40	622	5.03	2.39	3.87	3.12	4.64	8.56	2.07	1.25
250	27.76	31.97	622	200.51	335.68	306.53	51.95	276.76	261.86	357.60	139.71
251	28.64	27.39	623	4.01	2.21	4.16	4.15	4.19	11.61	1.86	1.78
252	29.95	33.98	622	210.41	334.22	297.34	42.22	271.36	263.09	337.07	124.79
253	31.34	34.83	622	4.02	2.25	5.27	5.14	5.33	13.82	1.94	2.02
254	31.71	31.70	621	254.76	339.11	307.92	48.74	301.58	324.23	337.72	134.17
255	31.74	36.08	615	4.94	2.36	5.67	5.95	6.19	15.70	2.90	2.20
256	20.86	19.40	622	204.71	341.00	307.94	42.66	321.80	331.16	292.05	134.51
257	21.95	20.48	622	6.18	2.86	5.83	6.37	7.37	15.11	3.64	1.17
258	23.60	24.04	623	313.23	350.00	303.16	44.50	353.21	1.85	299.11	167.59
259	24.63	27.14	623	8.07	1.86	7.82	6.85	6.26	15.10	4.56	2.04
260	25.16	29.29	621	338.26	301.53	269.38	14.65	320.06	333.26	268.32	192.97
261	25.71	30.61	622	7.02	3.10	2.45	1.33	2.05	3.51	.61	1.04
262	26.57	41.35	622	172.74	327.79	291.09	90.70	262.61	250.60	332.20	156.85
263	27.23	47.40	622	6.27	2.73	2.75	2.45	2.92	10.85	.60	1.26
264	28.64	27.39	623	192.66	330.54	322.56	96.51	251.07	264.50	332.31	146.05
265	29.95	33.98	622	5.53	2.30	2.77	3.11	4.50	13.19	1.90	1.60
266	31.34	34.83	622	199.36	324.37	321.28	78.19	241.28	270.87	2.28	109.21
267	31.71	31.70	621	4.55	2.87	3.89	3.67	4.80	13.46	1.17	2.10
268	31.74	36.08	615	218.35	334.40	330.34	83.76	271.30	308.41	39.86	131.56
269	20.86	19.40	622	4.33	2.13	3.96	4.10	5.41	13.53	.09	2.11
270	21.95	20.48	622	245.01	340.28	324.20	67.31	291.63	315.33	256.71	119.99
271	23.60	24.04	623	5.10	2.60	4.80	4.80	6.16	13.12	4.11	2.61
272	24.63	27.14	623	291.06	352.03	326.30	54.05	340.39	330.51	250.85	118.65
273	25.16	29.29	621	8.11	3.94	6.30	5.66	7.06	11.10	6.12	2.78
274	25.71	30.61	622	315.12	346.46	311.50	33.20	343.01	318.72	236.02	117.82



TABLE VII.- Continued

(c) Continued

TORSION 75 PERCENT RADIUS												
RUN NO		18										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
213	-1.75	4.09	623	3.50	.07	.04	.47	.50	.09	.29	.10	AMP
214	-1.98	5.23	622	337.84	120.14	51.56	207.82	316.21	113.27	20.10	244.02	PHASE
215	-3.40	5.95	622	3.76	.74	.07	.45	.47	.09	.37	.06	AMP
216	-4.09	6.61	623	342.71	134.57	102.25	275.62	310.10	107.00	5.37	266.21	PHASE
217	-6.20	7.35	622	4.31	.77	.19	.50	.40	.07	.26	.10	AMP
218	-7.74	7.91	622	350.40	145.72	147.60	263.03	299.35	83.49	18.30	283.05	PHASE
219	-8.36	8.11	624	4.91	.07	.31	.62	.50	.10	.26	.12	AMP
220	-9.06	8.71	621	353.42	144.06	163.59	236.14	206.05	43.59	359.67	242.33	PHASE
221	-1.42	3.04	622	5.40	.97	.47	.73	.62	.22	.19	.09	AMP
222	-1.12	4.14	621	359.63	153.97	170.06	241.17	301.20	46.10	355.39	262.75	PHASE
223	-2.44	4.00	622	6.10	1.00	.64	.78	.63	.27	.29	.06	AMP
224	-1.04	5.36	622	4.10	159.00	167.25	238.57	309.45	21.92	351.01	17.54	PHASE
225	-5.34	5.96	623	6.59	1.02	.53	.77	.71	.36	.45	.03	AMP
226	-6.04	7.16	621	1.35	159.25	156.53	231.00	296.35	340.50	326.02	37.11	PHASE
227	-7.67	7.67	621	7.09	.06	.36	.71	.77	.45	.49	.07	AMP
228	-8.22	7.93	615	.06	167.15	141.39	241.73	300.62	339.02	319.16	267.07	PHASE
229	-1.29	5.10	622	2.02	.59	.00	.43	.46	.03	.10	.04	AMP
230	-1.67	5.42	623	325.31	113.24	123.97	262.44	206.90	55.73	9.76	100.63	PHASE
231	-3.22	5.03	623	3.12	.57	.09	.39	.39	.05	.13	.01	AMP
232	-4.62	6.40	621	341.93	135.04	140.66	270.22	299.07	90.45	16.93	96.72	PHASE
233	-6.10	6.84	622	3.47	.52	.16	.46	.45	.04	.12	.02	AMP
234	-7.56	8.03	622	349.04	150.01	148.21	260.20	290.24	59.30	20.59	37.90	PHASE
235	-9.17	10.15	622	4.06	.59	.31	.50	.56	.10	.08	.03	AMP
236	-1.45	5.65	622	356.74	157.00	160.11	245.90	293.15	42.49	40.75	337.11	PHASE
237	-2.92	5.09	622	4.51	.00	.45	.69	.61	.15	.04	.02	AMP
238	-4.24	6.18	622	355.26	161.02	153.72	210.00	266.01	2.26	65.02	311.91	PHASE
239	-5.67	7.00	622	5.31	.94	.71	.01	.64	.24	.10	.05	AMP
240	-7.09	8.32	622	3.59	162.47	169.23	235.50	295.46	37.16	165.06	18.37	PHASE
241	-8.36	8.71	621	5.76	1.06	.03	.06	.65	.33	.12	.01	AMP
242	-9.06	9.06	621	4.67	157.06	164.60	227.24	293.53	26.23	142.99	33.66	PHASE
243	-1.29	5.10	622	6.06	1.10	.91	.04	.55	.33	.08	.06	AMP
244	-1.67	5.42	623	3.16	153.63	157.01	214.65	206.20	7.06	174.01	50.35	PHASE
245	-3.22	5.03	623	3.35	1.27	.24	.64	.76	.05	.30	.22	AMP
246	-4.62	6.40	621	320.19	111.01	5.94	200.54	305.64	219.00	30.20	267.65	PHASE
247	-6.10	6.84	622	3.54	1.10	.20	.59	.74	.05	.40	.26	AMP
248	-7.56	8.03	622	331.04	120.48	12.06	301.16	317.36	316.05	40.04	306.05	PHASE
249	-9.17	10.15	622	3.96	1.00	.26	.54	.70	.05	.31	.30	AMP
250	-1.45	5.65	622	342.14	126.92	9.10	301.04	319.11	327.06	41.60	333.20	PHASE
251	-2.92	5.09	622	4.42	.97	.19	.57	.66	.14	.34	.37	AMP
252	-4.24	6.18	622	345.95	127.99	345.05	276.46	295.11	294.42	22.25	313.32	PHASE
253	-5.67	7.00	622	4.95	.97	.10	.61	.60	.19	.33	.37	AMP
254	-7.09	8.32	622	353.65	141.70	312.10	269.45	290.15	300.63	17.01	333.57	PHASE
255	-8.36	8.71	621	5.54	.95	.23	.76	.72	.34	.41	.44	AMP
256	-9.06	9.06	621	357.02	155.25	251.41	253.44	276.72	204.90	357.60	329.30	PHASE
257	-1.29	5.10	622	6.42	.90	.36	.10	.67	.63	.35	.35	AMP
258	-1.67	5.42	623	2.13	176.74	253.60	255.15	270.05	302.65	11.90	.53	PHASE
259	-3.22	5.03	623	7.01	.04	.33	1.40	1.51	1.11	.69	.31	AMP
260	-4.62	6.40	621	353.25	106.57	256.66	231.09	239.30	264.10	320.51	304.60	PHASE
261	-6.10	6.84	622	3.55	1.07	.29	.51	.75	.09	.31	.32	AMP
262	-7.56	8.03	622	320.30	110.07	356.69	301.61	320.11	271.97	41.05	301.25	PHASE
263	-9.17	10.15	622	3.09	1.42	.39	.52	.67	.17	.31	.35	AMP
264	-1.45	5.65	622	335.62	124.34	331.30	315.05	331.14	303.05	60.07	326.22	PHASE
265	-2.92	5.09	622	4.19	1.20	.42	.52	.66	.19	.22	.30	AMP
266	-4.24	6.18	622	337.30	119.31	300.05	295.13	304.45	277.15	21.70	304.06	PHASE
267	-5.67	7.00	622	4.55	1.14	.39	.50	.59	.27	.20	.38	AMP
268	-7.09	8.32	622	344.55	129.00	300.39	291.20	301.61	277.03	14.27	326.35	PHASE
269	-8.36	8.71	621	5.01	1.06	.39	.54	.66	.34	.20	.39	AMP
270	-9.06	9.06	621	347.10	140.16	292.77	277.37	209.02	279.74	5.07	332.16	PHASE
271	-1.29	5.10	622	5.62	1.00	.36	.56	.69	.43	.24	.33	AMP
272	-1.67	5.42	623	353.75	151.91	204.39	259.43	270.55	202.75	10.34	318.79	PHASE
273	-3.22	5.03	623	6.55	.99	.37	.69	.70	.44	.45	.26	AMP
274	-4.62	6.40	621	354.67	162.56	310.33	251.35	265.19	314.97	50.72	332.20	PHASE

TABLE VII.- Continued

(c) Concluded

PITCH LINK												
RUN NO		1#										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	AMP
213	-5.58	0.66	623	5.38	.24	.82	1.14	1.17	.12	.98	.88	AMP
				188.82	274.75	153.96	68.36	147.36	165.66	49.11	166.55	PHASE
214	.75	9.46	622	6.11	.14	.76	1.21	1.22	.28	.89	.22	AMP
				185.35	232.17	147.93	63.48	144.39	128.81	31.79	57.55	PHASE
215	2.21	11.88	622	7.81	.24	.76	1.33	1.23	.11	1.13	.88	AMP
				189.36	219.93	126.99	61.53	148.55	88.85	38.57	24.81	PHASE
216	3.81	12.92	623	8.68	.49	.83	1.55	1.29	.31	1.13	.88	AMP
				188.84	245.81	82.32	53.57	127.76	67.39	16.73	383.53	PHASE
217	5.56	14.59	622	18.44	.75	1.33	1.68	1.65	.28	.96	.85	AMP
				193.56	266.68	58.88	64.97	138.71	97.16	27.88	328.41	PHASE
218	7.68	18.98	622	13.18	1.42	2.28	2.88	2.12	.58	.76	.23	AMP
				196.71	274.14	45.96	69.98	148.12	133.43	23.96	39.49	PHASE
219	8.72	21.53	624	14.85	1.76	2.77	2.27	2.52	.83	.73	.23	AMP
				193.86	261.87	36.48	63.79	125.38	122.73	3.92	25.26	PHASE
220	18.89	24.48	621	16.99	2.25	3.57	2.41	2.41	.92	.76	.24	AMP
				192.38	261.81	41.71	71.96	122.34	188.55	14.26	56.89	PHASE
221	-7.72	5.51	622	3.74	.87	.98	.84	1.22	.86	.48	.88	AMP
				177.38	82.49	132.55	54.18	122.62	68.86	16.12	112.64	PHASE
222	.65	6.87	621	4.54	.23	1.88	.98	1.19	.19	.58	.16	AMP
				182.49	127.19	168.82	59.86	131.82	118.76	37.32	95.66	PHASE
223	2.88	8.39	622	5.51	.41	.95	.94	1.48	.24	.64	.28	AMP
				187.16	136.91	152.28	63.79	124.85	97.42	48.66	77.64	PHASE
224	3.48	9.65	622	6.73	.51	.76	1.28	1.58	.31	.69	.21	AMP
				192.81	129.85	136.78	65.83	124.38	69.54	37.88	76.84	PHASE
225	4.76	18.69	623	7.88	.49	.61	1.36	1.69	.34	.58	.24	AMP
				198.98	119.78	96.64	39.88	96.31	22.48	.87	41.74	PHASE
226	6.35	13.88	621	9.17	.25	1.81	1.74	1.92	.32	.57	.42	AMP
				199.58	148.78	61.83	68.77	132.29	39.86	359.69	62.78	PHASE
227	7.26	14.95	621	18.48	.28	1.52	1.91	2.88	.28	.68	.39	AMP
				198.92	216.89	48.91	62.61	138.14	356.61	339.93	48.61	PHASE
228	8.81	17.83	615	11.82	.58	2.21	2.16	2.19	.18	.42	.41	AMP
				195.89	242.82	25.48	54.98	115.23	281.89	328.18	51.11	PHASE
236	-3.92	8.84	622	5.87	.89	.59	1.16	1.32	.24	.98	.27	AMP
				169.39	294.63	177.81	84.82	126.55	189.58	52.24	285.23	PHASE
237	-2.54	9.55	622	6.29	.77	.77	1.11	1.35	.36	1.16	.38	AMP
				176.84	289.81	187.15	98.47	132.85	115.86	64.94	349.35	PHASE
238	-.94	11.87	623	6.86	.82	.69	1.13	1.44	.34	1.87	.65	AMP
				183.54	278.88	191.21	89.38	141.38	95.89	64.26	19.92	PHASE
239	.75	12.17	623	8.85	.97	.56	1.17	1.63	.56	54.63	351.81	PHASE
				182.18	264.44	165.84	79.88	118.66	72.45	54.63	351.81	PHASE
240	2.57	14.88	621	9.47	1.27	.43	1.52	1.91	.76	1.18	.78	AMP
				189.38	278.48	128.21	79.48	121.75	118.81	71.69	.96	PHASE
241	4.88	17.42	622	11.98	1.72	.99	1.74	2.58	.81	1.26	.98	AMP
				198.92	276.83	78.29	72.71	186.46	119.39	65.22	346.88	PHASE
242	7.37	22.19	622	15.33	2.82	.87	2.19	3.36	.98	1.36	.87	AMP
				194.62	285.77	83.58	84.88	116.65	143.31	85.54	6.88	PHASE
243	11.15	38.79	622	21.81	1.67	4.82	2.24	4.48	2.23	2.57	.37	AMP
				187.67	283.88	77.26	77.63	75.11	84.75	71.98	22.88	PHASE
244	-5.47	8.68	621	6.82	1.13	.28	.79	1.48	.54	.91	.59	AMP
				178.12	294.78	255.69	95.48	145.88	138.24	74.98	348.95	PHASE
245	-3.21	18.27	622	7.17	.97	.21	.65	1.17	.54	1.18	.64	AMP
				188.16	388.84	297.17	111.19	141.88	143.84	86.22	15.18	PHASE
246	-1.57	11.78	622	8.15	1.17	.28	.58	1.31	.56	1.25	.59	AMP
				179.18	293.29	314.26	91.65	111.88	185.78	56.86	355.81	PHASE
247	.48	13.84	622	9.63	1.42	.24	.46	1.71	.88	1.25	.72	AMP
				184.88	291.45	337.56	81.82	184.88	114.49	74.98	2.29	PHASE
248	2.38	15.75	622	18.92	1.68	.41	.98	2.13	.85	1.35	.83	AMP
				186.66	288.68	24.83	69.24	185.18	117.79	62.94	.65	PHASE
249	5.12	28.52	622	11.11	2.15	.76	1.21	2.98	.88	1.52	1.18	AMP
				188.12	287.11	54.26	76.15	111.35	135.92	73.27	338.56	PHASE
250	8.33	25.86	622	18.28	2.88	.84	1.54	3.29	.49	1.69	1.48	AMP
				188.14	282.75	85.95	95.81	112.56	142.72	68.26	324.29	PHASE

TABLE VII.- Continued.

(d)  $\mu = 0.30$ ;  $M_T = 0.68$ 

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CQ/SIGMA
279	-1.5	4.3	.1	.03555	.00093	.00134
280	-1.6	5.5	2.1	.04728	.00072	.00159
281	-1.9	6.3	4.1	.05886	.00052	.00189
282	-2.3	7.4	6.0	.06964	.00008	.00244
283	-2.5	8.3	8.0	.08031	-.00016	.00304
284	-2.8	9.5	9.9	.08985	-.00084	.00386
285	-3.4	10.7	11.9	.09759	-.00183	.00495
286	-3.8	12.1	13.9	.10400	-.00291	.00669
287	-1.2	4.8	2.1	.02774	-.00156	.00205
288	-1.6	5.6	4.1	.04059	-.00282	.00255
289	-1.7	6.8	6.1	.05100	-.00405	.00313
290	-2.2	7.5	8.0	.06236	-.00523	.00378
291	-2.5	8.7	10.1	.07406	-.00676	.00466
292	-3.0	9.7	12.0	.08424	-.00825	.00562
293	-3.4	10.7	14.0	.09376	-.00977	.00677
294	-3.9	11.4	15.0	.09715	-.01085	.00752
295	-1.3	5.8	6.1	.03457	-.00543	.00325
296	-1.8	6.8	8.0	.04463	-.00736	.00407
297	-2.1	7.4	9.9	.05722	-.00957	.00498
299	-2.5	8.6	12.0	.06757	-.01184	.00603
300	-2.8	8.9	13.0	.07355	-.01299	.00657
301	-2.9	9.6	14.1	.07986	-.01420	.00727

TABLE VII.- Continued

(d) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO 11											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
279	47.67	13.78	653	4.98	3.62	1.25	.59	5.53	2.15	2.31	.58 AMP
280	48.83	14.38	654	143.54	315.17	9.35	357.69	58.66	331.61	246.27	56.57 PHASE
281	50.06	13.78	653	5.36	3.99	1.96	.56	5.68	1.96	2.24	.24 AMP
282	51.16	14.33	653	139.14	389.59	1.22	351.96	29.67	389.92	217.27	51.91 PHASE
283	52.12	14.64	652	5.67	4.49	2.48	.52	5.68	1.72	2.11	.41 AMP
284	53.09	15.03	653	141.83	328.18	24.38	16.85	55.45	336.31	249.88	169.31 PHASE
285	53.74	18.64	653	5.96	4.87	2.88	.49	5.19	1.54	2.29	.63 AMP
286	54.01	21.66	653	136.76	319.12	24.16	16.42	51.76	322.13	243.89	183.97 PHASE
287	47.53	13.63	653	6.33	5.17	3.52	.62	4.73	1.47	2.37	.84 AMP
288	48.08	14.41	652	126.91	313.38	13.73	24.88	31.98	292.64	214.89	158.61 PHASE
289	49.08	14.41	653	6.51	5.47	3.55	.78	3.37	1.48	2.92	1.59 AMP
290	53.74	18.64	653	122.56	322.93	27.21	19.58	44.12	282.54	238.66	178.97 PHASE
291	53.74	18.64	653	6.75	6.13	2.76	.78	1.98	1.65	3.29	1.68 AMP
292	54.01	21.66	653	185.81	317.84	11.38	298.48	358.47	235.13	193.18	144.12 PHASE
293	47.53	13.63	653	7.57	7.83	1.77	1.81	2.24	1.86	3.83	1.61 AMP
294	47.53	13.63	653	85.81	319.61	315.96	268.27	382.11	244.17	187.56	171.89 PHASE
295	48.08	14.41	652	4.46	3.28	1.89	.87	4.88	1.65	2.82	1.15 AMP
296	49.08	14.41	653	141.37	315.86	358.72	327.57	51.88	317.85	212.15	13.83 PHASE
297	50.24	14.61	653	4.61	3.64	2.63	1.22	4.74	1.55	2.12	.99 AMP
298	50.24	14.61	653	143.25	323.66	7.84	316.95	63.94	323.88	227.38	38.11 PHASE
299	50.24	14.61	653	5.85	4.83	3.11	1.43	4.66	1.44	2.88	.79 AMP
300	51.49	14.57	654	136.98	315.87	356.71	292.68	43.43	287.57	187.95	349.92 PHASE
301	51.49	14.57	654	5.19	4.27	3.29	1.58	4.68	1.45	2.38	.76 AMP
302	52.03	15.28	653	138.98	313.87	356.25	282.88	33.57	281.63	178.87	328.52 PHASE
303	52.03	15.28	653	5.67	4.48	2.57	1.56	5.86	1.28	2.58	.66 AMP
304	53.99	14.78	653	131.88	327.76	28.71	384.65	74.87	311.71	228.78	27.25 PHASE
305	53.99	14.78	653	6.82	4.39	3.59	1.68	5.36	1.82	2.76	.59 AMP
306	55.09	15.68	654	118.68	325.28	11.86	288.89	62.67	275.73	193.98	13.23 PHASE
307	55.09	15.68	654	6.47	4.54	3.25	1.95	5.77	1.86	3.84	.38 AMP
308	55.61	16.48	652	185.87	331.28	11.84	257.36	78.53	245.96	186.88	29.14 PHASE
309	55.61	16.48	652	6.95	4.79	2.93	2.35	6.24	1.18	3.87	.66 AMP
310	49.17	11.75	653	94.98	329.17	2.16	248.99	69.87	211.34	164.68	18.92 PHASE
311	49.17	11.75	653	4.22	2.89	2.76	1.98	4.24	1.88	1.87	.63 AMP
312	58.52	13.28	653	148.91	321.97	355.73	338.87	33.73	386.44	199.48	345.79 PHASE
313	58.52	13.28	653	4.66	3.32	3.28	1.19	4.58	1.18	1.19	.72 AMP
314	51.96	14.22	653	133.42	323.81	356.14	328.36	28.96	381.58	185.82	321.99 PHASE
315	51.96	14.22	653	5.81	3.81	3.64	1.56	5.12	1.87	1.85	.58 AMP
316	53.38	15.15	653	132.25	338.97	6.46	323.91	37.68	315.49	197.16	344.34 PHASE
317	53.38	15.15	653	5.88	4.84	4.88	2.88	5.42	1.97	1.19	.76 AMP
318	54.14	15.28	652	124.61	332.98	2.98	319.79	33.63	383.87	181.39	316.88 PHASE
319	54.14	15.28	652	5.82	4.28	3.94	2.14	5.67	1.87	1.31	.68 AMP
320	55.88	15.61	652	119.18	332.43	359.53	312.99	32.33	297.37	178.88	312.68 PHASE
321	55.88	15.61	652	3.21	4.35	3.85	2.42	5.73	.64	1.39	.73 AMP
322	55.88	15.61	652	114.39	336.43	.91	389.98	41.38	295.37	164.47	311.76 PHASE

CHORDWISE 25 PERCENT RADIUS											
RUN NO 11											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
279	57.27	39.26	653	18.94	4.42	6.67	3.69	6.94	5.88	1.27	.38 AMP
280	56.53	49.88	654	273.25	185.75	253.88	58.88	362.81	198.44	317.25	41.82 PHASE
281	55.58	53.79	653	26.79	7.37	5.76	4.67	5.89	7.33	1.55	.28 AMP
282	55.31	63.93	653	289.48	182.33	248.18	28.43	382.76	194.31	288.79	17.19 PHASE
283	51.11	88.89	652	35.21	18.53	7.15	6.39	18.23	7.18	2.11	.44 AMP
284	49.53	97.77	653	389.68	119.88	233.94	32.48	316.38	238.94	333.75	54.44 PHASE
285	49.29	116.82	653	44.82	13.18	18.93	8.26	18.48	9.82	2.65	.71 AMP
286	51.17	145.86	653	321.87	123.83	231.98	35.44	318.93	245.89	326.38	38.35 PHASE
287	56.12	26.21	653	55.01	15.79	15.95	9.78	12.42	18.65	3.52	1.82 AMP
288	55.79	35.29	652	328.81	123.28	227.78	28.28	296.68	253.61	285.51	348.28 PHASE
289	55.11	52.56	653	69.28	17.64	28.23	11.83	12.75	18.94	4.89	.88 AMP
290	55.76	67.66	654	348.11	137.31	248.23	37.16	321.55	298.75	299.21	21.59 PHASE
291	55.18	84.88	653	81.88	18.87	23.75	18.86	12.94	12.12	6.82	1.19 AMP
292	54.38	103.31	653	344.25	136.57	241.64	14.87	294.27	284.16	268.85	352.87 PHASE
293	54.41	128.34	654	99.88	22.84	27.92	12.99	6.77	8.67	5.76	.68 AMP
294	54.62	126.21	652	358.18	158.12	261.39	7.46	328.64	389.88	259.49	58.27 PHASE
295	57.48	33.89	653	12.16	2.92	5.88	4.78	5.11	2.38	1.48	.49 AMP
296	58.32	47.98	653	277.65	114.58	241.31	43.85	341.26	198.84	298.54	44.37 PHASE
297	59.58	72.81	653	19.56	6.78	5.88	4.86	7.37	3.16	1.36	.38 AMP
298	59.78	101.33	652	388.64	128.76	234.86	34.95	382.82	234.37	317.48	87.87 PHASE
299	59.93	115.63	652	38.28	9.82	9.28	7.87	9.73	2.76	1.42	.48 AMP
300	59.78	101.33	652	315.63	116.92	283.71	5.11	293.24	193.25	281.59	44.38 PHASE
301	59.93	115.63	652	39.73	11.74	13.73	8.44	8.66	4.37	1.95	.58 AMP
302	59.93	115.63	652	326.31	128.23	287.31	.81	294.18	185.89	254.78	27.27 PHASE
303	59.93	115.63	652	53.85	14.56	19.78	18.74	8.91	6.63	2.52	.98 AMP
304	59.93	115.63	652	341.53	139.48	238.55	39.18	316.44	263.49	315.86	93.46 PHASE
305	59.93	115.63	652	66.75	15.26	28.85	11.82	18.69	8.75	2.61	.97 AMP
306	59.93	115.63	652	343.57	134.62	235.84	28.87	295.85	269.71	297.58	49.67 PHASE
307	59.93	115.63	654	84.49	15.79	29.37	9.27	18.95	7.68	2.57	1.06 AMP
308	59.93	115.63	652	349.37	139.72	239.78	18.92	286.99	297.84	383.79	45.87 PHASE
309	59.93	115.63	652	92.53	16.83	31.78	9.41	11.54	6.84	2.88	1.88 AMP
310	59.93	115.63	652	349.72	139.39	235.85	355.36	267.55	383.88	294.11	53.69 PHASE
311	59.93	115.63	653	16.22	5.82	5.53	6.16	5.54	2.77	.66	.88 AMP
312	59.93	115.63	653	313.81	137.98	218.37	31.35	288.56	247.35	318.65	77.75 PHASE
313	59.93	115.63	653	26.23	6.87	11.37	8.78	4.42	3.41	.72	.37 AMP
314	59.93	115.63	653	329.99	133.65	284.37	17.74	285.57	228.22	289.92	41.28 PHASE
315	59.93	115.63	653	37.62	7.96	16.58	11.55	4.85	5.74	1.67	.67 AMP
316	59.93	115.63	653	345.57	141.73	224.77	28.29	287.98	254.41	298.89	63.56 PHASE
317	59.93	115.63	653	52.64	9.84	22.92	14.87	5.68	7.24	1.85	.88 AMP
318	59.93	115.63	652	349.87	141.25	228.91	23.88	261.93	252.87	386.88	45.84 PHASE
319	59.93	115.63	652	59.03	18.11	25.72	14.45	5.84	7.74	2.14	1.03 AMP
320	59.93	115.63	652	358.81	141.32	229.51	13.39	244.82	253.51	388.79	39.86 PHASE
321	59.93	115.63	652	72.19	11.35	29.39	14.98	7.78	8.16	2.51	1.26 AMP
322	59.93	115.63	652	364.86	143.83	237.17	7.67	237.12	264.48	329.28	47.23 PHASE

TABLE VII.- Continued

(d) Continued

TORSION 20 PERCENT RADIUS											
RUN NO 11											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
279	10.38	9.55	653	6.63	1.56	.79	1.54	1.37	.28	1.88	.38 AMP
				335.74	112.88	6.34	263.72	301.58	328.28	257.84	197.49 PHASE
280	9.24	9.98	654	7.12	1.42	.89	1.46	1.34	.24	1.87	.33 AMP
				338.31	95.88	358.94	246.17	274.38	286.28	225.67	168.65 PHASE
281	6.13	10.89	653	7.95	1.42	.74	1.58	1.32	.29	1.86	.47 AMP
				349.54	95.28	8.44	264.99	302.18	273.99	254.73	203.19 PHASE
282	3.73	12.26	653	9.31	1.63	.65	1.73	1.25	.46	1.22	.38 AMP
				354.41	88.17	337.18	267.39	288.34	278.99	248.78	207.88 PHASE
283	1.84	15.24	652	11.39	2.28	.61	1.98	1.66	.51	1.18	.45 AMP
				356.63	85.72	294.36	247.68	266.42	291.31	224.76	169.43 PHASE
284	-1.92	18.42	653	14.21	2.65	1.55	2.42	2.18	.88	1.54	.55 AMP
				4.28	183.54	278.24	265.88	278.66	315.69	258.11	196.22 PHASE
285	-5.33	23.53	653	17.89	2.94	3.11	3.83	2.95	.88	2.18	.38 AMP
				2.62	183.87	266.69	249.49	262.65	284.68	238.56	198.89 PHASE
286	-10.23	30.78	653	23.67	2.46	5.98	2.78	5.89	2.51	3.58	1.11 AMP
				4.67	136.11	274.65	243.22	259.81	275.36	261.44	303.36 PHASE
287	9.41	8.68	653	6.12	1.11	.79	1.69	1.13	.27	.79	.82 AMP
				333.49	91.57	324.17	243.31	300.38	47.35	248.42	23.19 PHASE
288	7.37	8.81	652	6.66	.86	.78	1.68	1.85	.31	.83	.84 AMP
				344.42	83.95	336.66	249.19	318.82	48.22	256.38	187.38 PHASE
289	5.29	9.75	653	7.51	.84	.65	1.78	1.88	.21	.87	.14 AMP
				346.25	59.54	315.53	229.54	298.88	18.88	217.32	195.57 PHASE
290	3.33	11.56	654	8.48	.96	.59	1.89	.98	.21	1.14	.15 AMP
				350.45	48.93	288.27	225.54	298.61	17.28	199.97	206.91 PHASE
291	.88	13.58	653	10.87	1.12	.96	2.18	1.86	.12	1.22	.18 AMP
				3.41	81.39	272.43	258.75	335.77	72.15	247.58	232.93 PHASE
292	-1.49	15.72	653	12.81	1.58	1.58	2.28	1.29	.26	1.24	.25 AMP
				4.67	95.84	258.24	249.24	319.87	1.86	222.24	192.53 PHASE
293	-4.36	20.48	654	15.18	2.51	2.82	2.68	2.18	.84	1.17	.27 AMP
				7.85	184.43	244.11	259.17	321.85	349.18	223.32	227.62 PHASE
294	-5.97	23.39	652	17.12	3.87	3.64	3.81	2.73	1.12	1.88	.18 AMP
				6.25	181.85	236.17	258.68	316.29	334.28	219.88	281.84 PHASE
295	6.34	7.43	653	6.88	.51	.79	1.36	1.96	.14	.43	.83 AMP
				344.29	57.27	325.98	232.87	291.46	24.41	223.37	198.79 PHASE
296	4.46	8.44	653	6.75	.55	.73	1.46	1.85	.17	.66	.88 AMP
				349.28	35.98	318.36	231.28	274.27	2.18	214.35	297.78 PHASE
297	2.46	9.97	653	7.75	.64	.68	1.77	1.21	.85	.79	.79 AMP
				358.86	39.84	312.23	242.74	291.87	355.89	234.84	205.79 PHASE
299	.48	11.63	653	8.96	.72	.61	2.05	1.38	.85	.83	.16 AMP
				1.95	48.13	275.93	239.13	286.11	179.88	222.68	211.85 PHASE
300	-.78	12.81	652	9.63	.72	.76	2.28	1.48	.88	.81	.15 AMP
				3.26	55.66	257.22	237.12	286.54	118.87	215.12	206.33 PHASE
301	-1.93	14.29	652	10.71	.87	1.12	2.37	1.58	.22	.79	.17 AMP
				6.68	71.73	243.86	243.12	302.15	188.78	213.58	224.33 PHASE

TABLE VII.- Continued

(d) Continued

FLAPWISE 37 PERCENT RADIUS											
RUN NO		11									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
279	32.45	14.19	653	8.48	4.22	1.98	.33	3.81	.45	.11	.29 AMP
280	33.47	15.27	654	138.89	318.67	8.37	295.31	56.31	382.83	163.37	212.85 PHASE
281	34.31	16.71	653	9.61	4.67	2.79	.28	3.12	.38	.13	.14 AMP
282	35.09	17.52	653	134.61	308.55	357.17	313.18	35.35	294.74	81.11	169.94 PHASE
283	35.74	18.83	652	18.67	5.43	3.34	.12	3.87	.33	.13	.18 AMP
284	36.58	19.66	653	139.79	314.38	16.83	38.18	64.32	215.14	134.94	269.17 PHASE
285	37.21	20.84	653	11.58	5.98	3.88	.28	2.88	.27	.17	.22 AMP
286	37.76	21.32	653	137.58	312.17	18.88	82.64	57.92	282.75	175.99	329.82 PHASE
287	38.32	12.93	653	12.54	6.57	4.98	.48	2.63	.28	.23	.38 AMP
288	34.57	14.76	652	131.91	384.21	9.81	52.42	34.75	244.29	217.97	387.73 PHASE
289	35.78	16.24	653	13.33	7.28	5.38	.62	2.81	.45	.34	.53 AMP
290	36.69	16.73	654	133.45	312.68	28.69	69.98	43.79	216.98	268.89	334.85 PHASE
291	37.69	18.83	653	13.78	8.51	5.13	.33	1.46	.61	.42	.68 AMP
292	38.63	19.71	653	127.21	387.13	21.88	44.68	358.85	186.31	241.73	297.34 PHASE
293	39.47	28.35	654	13.38	18.94	3.58	.88	1.92	.59	.24	.34 AMP
294	39.88	28.95	652	126.43	389.82	23.37	261.61	328.43	166.88	234.65	339.87 PHASE
295	35.57	12.28	653	7.34	3.77	2.62	.54	2.74	.42	.18	.47 AMP
296	36.68	13.22	653	134.28	319.83	3.19	318.67	51.84	271.54	191.55	172.19 PHASE
297	37.77	15.88	653	8.34	4.39	3.58	.75	2.63	.37	.17	.42 AMP
298	38.95	16.83	653	137.84	322.11	11.48	325.45	64.43	263.91	168.87	194.57 PHASE
299	38.95	16.83	653	9.45	4.98	4.28	.98	2.52	.43	.14	.38 AMP
300	39.51	17.86	652	133.96	388.81	359.43	299.86	44.67	226.96	169.38	157.56 PHASE
301	48.22	18.33	652	18.38	5.31	4.63	.86	2.39	.43	.21	.24 AMP
				132.28	384.18	.86	287.52	34.15	218.41	172.21	139.97 PHASE
				11.36	5.83	5.38	.91	2.56	.54	.29	.25 AMP
				137.91	316.48	24.73	388.46	73.52	244.16	252.55	188.98 PHASE
				12.21	5.93	5.77	.83	2.71	.67	.42	.23 AMP
				132.87	389.65	17.85	284.89	62.26	215.36	249.64	186.57 PHASE
				12.74	6.25	5.68	.88	2.95	.74	.55	.24 AMP
				129.23	389.93	28.57	238.88	72.62	186.77	251.13	228.85 PHASE
				12.89	6.59	5.53	1.23	3.27	.89	.55	.28 AMP
				124.78	386.58	15.28	213.95	73.97	159.49	239.46	212.98 PHASE
				7.47	3.58	3.51	.79	2.36	.28	.14	.26 AMP
				136.41	323.55	2.23	338.32	29.27	268.22	224.88	168.94 PHASE
				8.56	4.28	4.34	.98	2.52	.35	.15	.32 AMP
				135.25	318.41	1.68	326.33	17.83	255.48	218.11	147.44 PHASE
				9.69	4.99	5.18	1.12	2.96	.35	.32	.27 AMP
				138.95	324.51	13.23	329.25	33.12	259.26	253.14	158.94 PHASE
				18.95	5.43	5.92	1.34	3.19	.48	.48	.32 AMP
				137.88	322.45	13.88	324.51	29.89	251.92	268.87	143.97 PHASE
				11.46	5.72	6.88	1.36	3.32	.39	.52	.25 AMP
				136.78	328.37	11.56	318.92	29.33	237.92	268.22	139.14 PHASE
				12.86	5.14	5.19	1.48	3.33	.37	.56	.23 AMP
				136.89	321.83	15.34	315.28	38.57	227.82	272.31	132.14 PHASE

CHORDWISE 37 PERCENT RADIUS											
RUN NO		11									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
279	31.68	37.68	653	15.69	3.69	5.58	4.93	8.98	7.89	2.83	.89 AMP
280	38.85	49.36	654	272.79	181.87	258.68	46.94	357.88	192.92	358.41	29.28 PHASE
281	28.84	54.55	653	22.41	6.58	5.65	6.75	8.43	11.64	3.11	1.88 AMP
282	26.61	62.54	653	286.85	97.27	258.29	15.56	313.89	192.12	293.49	43.87 PHASE
283	23.33	74.66	652	29.29	9.51	6.82	9.52	11.83	18.86	4.47	1.46 AMP
284	19.84	89.78	653	385.92	115.58	253.83	33.51	323.89	288.71	353.56	88.26 PHASE
285	17.59	183.86	653	37.17	12.17	9.86	12.87	12.97	13.58	3.93	2.89 AMP
286	17.86	128.85	653	317.32	121.58	253.96	38.69	324.68	244.82	349.78	57.88 PHASE
287	28.98	25.82	653	46.58	14.99	14.24	14.87	16.59	16.89	4.12	2.82 AMP
288	28.62	33.63	652	323.76	123.87	248.69	38.72	383.88	254.86	291.11	3.11 PHASE
289	28.36	47.72	653	57.76	17.54	18.28	15.96	18.38	16.88	7.24	3.14 AMP
290	27.29	61.61	654	335.54	137.52	267.82	41.12	338.78	294.81	298.56	22.83 PHASE
291	25.36	76.72	653	68.15	28.69	21.86	15.98	18.74	18.88	18.69	4.84 AMP
292	23.37	91.68	653	339.96	138.67	268.76	21.16	384.84	288.15	257.58	338.37 PHASE
293	21.85	181.46	654	81.39	25.99	26.68	16.58	14.28	11.93	12.32	2.68 AMP
294	21.88	186.81	652	351.69	158.58	272.28	13.88	327.76	325.35	255.65	349.69 PHASE
295	29.18	33.72	653	18.29	2.28	4.82	6.25	6.49	3.32	2.19	.74 AMP
296	29.36	44.72	653	278.87	112.26	252.83	35.38	351.73	191.85	321.76	85.44 PHASE
297	29.87	64.94	653	16.45	5.26	4.45	7.21	7.93	5.35	3.15	1.47 AMP
298	27.29	61.61	654	296.95	114.42	253.72	38.34	389.93	239.34	329.29	182.82 PHASE
299	29.24	82.88	653	24.78	7.91	6.98	18.31	11.21	4.29	2.68	1.85 AMP
300	28.73	98.43	652	389.74	112.15	223.45	6.92	298.78	192.73	298.97	44.94 PHASE
301	27.63	181.73	652	32.16	9.88	18.73	12.48	18.88	7.28	2.86	2.25 AMP
				319.69	117.94	225.58	1.95	388.88	185.58	255.38	29.58 PHASE
				42.74	12.89	16.33	15.38	18.81	18.94	4.23	2.88 AMP
				335.88	139.79	256.67	39.35	323.37	262.18	298.78	86.31 PHASE
				53.86	14.42	21.53	16.27	12.91	13.95	5.53	2.78 AMP
				337.15	135.48	253.25	28.44	383.71	268.68	268.32	46.82 PHASE
				67.75	17.88	26.28	14.33	12.23	11.71	7.86	5.63 AMP
				343.38	148.76	255.98	22.78	295.83	293.88	269.19	19.78 PHASE
				73.95	18.74	18.97	14.12	12.39	18.35	6.52	2.56 AMP
				343.98	148.51	258.85	4.97	269.45	388.85	256.24	4.26 PHASE
				13.28	3.88	3.88	8.41	5.77	4.71	1.68	1.34 AMP
				389.34	137.18	232.37	29.88	298.64	249.68	336.89	66.13 PHASE
				28.81	5.49	7.98	11.88	5.48	5.84	1.13	1.86 AMP
				324.89	135.23	228.73	19.43	383.84	223.88	281.87	48.84 PHASE
				29.31	6.55	12.24	15.34	5.67	18.19	3.25	2.28 AMP
				337.73	144.36	239.63	38.89	311.27	252.52	268.66	69.72 PHASE
				48.46	8.87	17.75	18.78	5.41	12.53	4.57	2.33 AMP
				341.13	148.99	243.56	25.51	288.22	251.29	271.44	5.22 PHASE
				46.88	8.81	28.37	19.43	4.57	13.38	5.29	2.43 AMP
				342.68	139.99	244.13	17.14	269.41	252.88	273.18	45.64 PHASE
				55.12	18.47	23.93	28.35	5.77	13.75	5.91	2.66 AMP
				346.81	141.91	251.38	14.25	247.38	262.39	298.94	47.63 PHASE

TABLE VII.- Continued

(d) Continued

TORSION 36 PERCENT RADIUS											
RUN NO 11											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
279	9.18	9.35	653	6.88	1.66	.58	1.35	1.27	.14	.61	.28 AMP
280	7.86	9.84	654	328.98	182.82	344.54	231.46	256.98	278.34	213.65	146.69 PHASE
281	4.91	18.38	653	7.36	1.52	.63	1.31	1.24	.12	.62	.19 AMP
282	2.68	11.58	653	338.81	89.34	338.33	214.61	228.74	241.88	178.97	118.26 PHASE
283	.19	13.72	652	8.16	1.48	.46	1.39	1.25	.15	.69	.26 AMP
284	-2.57	16.75	653	341.29	92.41	346.27	233.35	265.99	218.94	287.33	152.62 PHASE
285	-5.65	21.82	653	9.49	1.73	.33	1.68	1.23	.23	.88	.28 AMP
286	-18.88	25.48	653	345.68	83.79	293.89	236.89	247.19	228.72	288.35	167.87 PHASE
287	8.14	8.46	653	11.29	2.38	.39	1.89	1.48	.27	.75	.24 AMP
288	6.23	8.79	652	346.96	75.61	224.48	216.74	227.33	241.28	183.29	115.67 PHASE
289	4.19	9.88	653	13.75	2.61	1.38	2.34	1.87	.46	.99	.32 AMP
290	2.17	14.87	654	354.17	89.46	225.14	233.26	248.82	267.23	285.97	146.38 PHASE
291	-1.19	13.88	653	16.98	2.79	2.68	3.88	2.38	.58	1.46	.29 AMP
292	-2.64	15.32	653	351.91	85.48	219.85	219.51	225.62	236.79	185.82	146.87 PHASE
293	-5.38	19.68	654	21.95	2.28	4.74	2.78	3.92	2.89	2.57	.77 AMP
294	-6.77	22.45	652	353.66	114.18	244.37	228.16	228.77	229.48	216.52	248.49 PHASE
295	5.11	7.98	653	6.58	1.19	.46	1.49	1.84	.27	.47	.81 AMP
296	3.25	8.49	653	327.67	84.72	292.29	211.92	253.56	26.72	199.32	276.55 PHASE
297	1.27	9.88	653	7.86	.96	.41	1.38	.97	.28	.49	.82 AMP
298	-.83	11.48	653	337.67	83.33	383.65	217.96	278.22	28.85	214.87	288.46 PHASE
299	-1.88	12.29	652	7.91	.89	.33	1.51	1.83	.24	.56	.18 AMP
300	-3.14	13.73	652	338.59	64.86	264.95	198.29	249.37	4.77	175.65	168.19 PHASE
301	-3.14	13.73	652	8.88	1.82	.42	1.63	.96	.26	.74	.14 AMP
				342.33	1.32	.94	1.86	1.83	5.84	154.51	162.82 PHASE
				18.48	1.32	.94	1.86	1.83	.23	.88	.12 AMP
				354.59	83.91	222.55	226.22	287.52	64.63	282.42	188.76 PHASE
				12.16	1.75	1.98	1.23	.26	.83	.17	.71 AMP
				356.58	98.75	287.58	217.41	272.49	12.73	179.33	139.51 PHASE
				14.92	2.78	2.62	2.48	1.93	.58	.77	.16 AMP
				358.33	92.45	286.98	228.73	288.15	324.18	183.78	173.44 PHASE
				16.71	3.18	3.28	2.78	2.51	.81	.76	.18 AMP
				356.61	88.17	281.32	228.48	275.57	382.91	188.68	221.15 PHASE
				6.53	.58	.38	1.16	.87	.17	.28	.82 AMP
				337.88	63.25	285.93	281.28	243.47	13.71	189.18	243.24 PHASE
				7.38	.56	.35	1.24	1.88	.17	.44	.88 AMP
				341.89	49.68	271.67	198.32	228.71	1.17	175.63	234.57 PHASE
				8.26	.64	.36	1.58	1.15	.11	.52	.85 AMP
				349.74	57.28	249.87	288.84	248.89	37.99	188.51	288.45 PHASE
				9.41	.71	.53	1.84	1.23	.13	.68	.86 AMP
				352.97	64.88	282.68	285.63	242.43	69.81	175.82	168.45 PHASE
				18.85	.77	.75	1.96	1.33	.17	.59	.86 AMP
				354.23	72.34	197.84	283.37	242.46	58.69	168.84	153.24 PHASE
				11.86	.98	1.18	2.11	1.38	.38	.68	.87 AMP
				357.45	81.25	194.27	289.25	258.58	53.12	167.67	179.49 PHASE

TABLE VII.- Continued

(d) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO 11											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
279	18.82	17.46	653	10.28	6.89	2.96	.68	1.16	1.26	2.31	.24 AMP
				127.93	312.88	359.38	326.49	217.78	133.85	61.89	236.75 PHASE
280	19.63	18.91	654	11.77	6.67	4.81	.65	1.82	1.19	2.38	.14 AMP
				126.22	299.99	347.49	389.81	196.24	184.68	32.27	384.79 PHASE
281	20.25	20.16	653	13.27	7.61	4.74	.66	.94	1.89	2.27	.52 AMP
				132.96	385.76	6.83	336.28	215.98	125.84	65.45	4.39 PHASE
282	20.91	22.86	653	14.73	8.41	5.48	.74	.73	1.17	2.43	.88 AMP
				132.54	381.56	6.53	336.65	212.86	113.82	59.58	4.49 PHASE
283	21.46	24.56	652	16.32	9.18	6.58	.96	.49	1.23	2.49	1.18 AMP
				128.15	293.15	357.96	338.68	183.88	87.93	31.94	329.52 PHASE
284	22.13	27.18	653	17.82	10.87	6.98	1.13	.19	1.25	3.13	1.89 AMP
				131.41	388.42	16.76	17.93	151.12	92.86	48.89	351.57 PHASE
285	22.62	38.15	653	18.92	11.76	6.81	1.38	.38	1.32	3.54	2.84 AMP
				127.84	293.81	9.49	26.74	74.89	45.73	15.34	325.81 PHASE
286	22.66	31.11	653	18.72	14.94	5.62	.88	.64	1.67	3.86	2.23 AMP
				128.97	298.83	17.86	47.36	21.31	51.64	11.73	342.75 PHASE
287	28.28	16.51	653	9.63	5.32	3.53	.98	1.16	.71	1.91	.95 AMP
				123.85	388.87	357.63	388.82	232.38	135.26	22.78	288.74 PHASE
288	21.89	18.12	652	18.94	6.19	4.85	.99	.74	1.97	.81	.81 AMP
				128.95	389.24	4.15	322.51	247.76	138.71	48.86	218.54 PHASE
289	22.89	28.52	653	12.47	7.11	5.93	1.81	1.15	.61	2.83	.56 AMP
				126.28	295.27	351.21	386.79	225.87	183.18	358.96	176.86 PHASE
290	22.86	22.25	654	13.92	7.78	6.53	1.88	1.86	.64	2.28	.46 AMP
				126.23	289.82	358.36	384.41	223.73	93.78	358.53	148.68 PHASE
291	23.73	25.62	653	15.47	8.88	7.68	1.84	1.18	.68	2.52	.38 AMP
				133.77	388.33	14.73	331.51	267.84	138.56	35.75	282.88 PHASE
292	24.48	27.63	653	16.92	9.27	8.24	1.89	1.67	.58	2.67	.25 AMP
				138.56	292.67	7.22	324.28	254.64	98.93	9.24	194.41 PHASE
293	25.12	29.45	654	18.88	9.89	8.31	.66	1.27	.46	2.89	.14 AMP
				129.42	298.22	8.62	329.66	248.57	79.34	2.88	276.38 PHASE
294	25.49	38.68	652	18.39	18.36	8.27	.33	1.39	.42	2.88	.43 AMP
				126.57	285.78	3.22	321.47	238.81	46.98	342.81	225.23 PHASE
295	22.93	15.19	653	9.97	4.94	4.73	.67	.92	.58	.97	.46 AMP
				128.67	387.97	35.77	318.87	229.28	129.13	7.14	165.12 PHASE
296	23.79	17.31	653	11.36	5.81	5.78	.57	.94	.51	1.18	.56 AMP
				129.85	382.17	354.38	298.84	223.26	119.84	358.83	138.32 PHASE
297	24.57	28.86	653	12.88	6.93	6.94	.58	1.87	.45	1.86	.48 AMP
				133.75	387.64	6.34	319.86	245.84	133.81	8.89	166.83 PHASE
299	25.51	22.82	653	14.53	7.69	8.13	.51	1.87	.39	1.16	.55 AMP
				134.21	384.43	6.77	323.75	243.82	126.43	349.94	129.77 PHASE
300	25.97	24.15	652	15.31	8.88	8.56	.49	1.18	.38	1.23	.52 AMP
				134.89	381.92	5.37	328.58	242.66	125.51	339.14	124.77 PHASE
301	26.53	25.98	652	16.32	8.69	8.98	.45	1.11	.21	1.38	.61 AMP
				135.62	381.66	9.29	341.21	258.15	134.87	332.76	118.93 PHASE

CHORDWISE 51 PERCENT RADIUS											
RUN NO 11											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
279	33.16	42.36	653	15.48	3.52	5.19	5.85	18.33	9.28	3.88	.43 AMP
				274.84	186.29	264.54	49.37	359.18	194.36	13.64	57.56 PHASE
280	32.48	52.26	654	21.23	6.81	5.38	8.81	9.47	15.12	4.84	1.73 AMP
				284.95	98.45	258.57	18.88	317.82	194.78	333.37	53.99 PHASE
281	31.14	57.33	653	27.32	8.73	6.36	11.17	13.77	13.77	6.86	2.81 AMP
				381.98	114.47	264.94	36.53	326.52	233.98	3.79	94.48 PHASE
282	28.92	66.74	653	34.56	11.41	9.18	14.14	14.28	17.87	3.85	2.98 AMP
				312.37	117.59	265.38	48.92	327.52	247.26	3.34	75.46 PHASE
283	25.68	76.38	652	43.29	14.25	13.21	16.68	18.98	28.82	4.29	3.39 AMP
				317.91	116.51	268.53	31.46	388.58	257.99	388.57	21.53 PHASE
284	21.73	89.76	653	53.88	16.98	17.29	19.28	21.47	19.83	7.64	3.93 AMP
				329.63	138.35	278.19	41.15	337.73	297.38	293.44	38.84 PHASE
285	18.63	181.85	653	63.34	21.83	21.63	28.42	21.37	22.54	12.42	5.84 AMP
				334.63	133.55	278.86	28.71	313.31	293.82	258.97	348.22 PHASE
286	16.32	114.86	653	74.89	28.18	28.57	21.12	17.98	15.86	15.83	5.11 AMP
				348.17	157.26	283.58	16.74	336.21	338.87	258.23	349.89 PHASE
287	29.18	29.81	653	18.66	2.27	3.82	7.68	7.41	4.53	3.14	1.29 AMP
				288.78	118.28	264.65	36.36	351.68	195.45	338.47	86.29 PHASE
288	28.63	38.66	652	16.35	4.67	4.25	9.12	8.87	7.29	4.24	2.12 AMP
				295.69	116.81	272.56	32.95	311.28	241.77	339.27	112.81 PHASE
289	28.47	51.78	653	23.48	6.99	6.11	12.65	12.31	5.48	3.22	2.73 AMP
				384.74	118.71	243.85	18.88	299.61	197.46	386.88	54.67 PHASE
290	27.86	63.35	654	29.93	8.86	9.68	14.96	12.83	9.26	3.64	3.75 AMP
				312.98	114.48	241.61	4.37	382.93	187.54	258.89	43.91 PHASE
291	26.23	75.48	653	39.25	11.74	14.92	18.17	12.17	14.43	5.37	4.84 AMP
				328.82	136.21	271.88	39.91	326.58	263.81	388.65	181.83 PHASE
292	23.82	88.88	653	49.11	13.52	19.96	19.62	14.85	17.99	7.29	3.55 AMP
				338.13	131.38	265.97	27.55	387.18	268.89	269.19	62.88 PHASE
293	21.46	93.84	654	61.36	17.16	25.37	18.42	12.22	15.89	9.77	3.85 AMP
				337.88	135.75	265.92	21.12	296.88	294.68	268.65	22.18 PHASE
294	28.31	185.95	652	66.84	19.86	28.66	18.36	12.72	13.68	9.84	3.32 AMP
				338.78	136.61	259.98	6.39	263.73	388.79	268.41	.56 PHASE
295	28.31	38.62	653	13.25	3.48	3.59	18.39	6.29	6.38	2.27	1.99 AMP
				386.82	142.82	257.88	38.78	291.58	251.58	344.68	75.25 PHASE
296	27.86	47.13	653	19.75	4.96	6.89	14.31	5.75	7.64	1.46	2.98 AMP
				318.38	135.89	248.59	21.75	384.47	225.84	277.19	54.83 PHASE
297	28.19	63.24	653	26.93	6.86	18.88	18.14	6.34	13.65	4.82	3.31 AMP
				338.41	142.36	258.52	32.76	317.29	253.93	266.28	83.77 PHASE
299	27.82	88.81	653	35.53	7.33	15.72	22.28	5.66	16.72	6.75	3.32 AMP
				333.84	148.28	268.32	27.53	296.18	252.68	278.21	74.91 PHASE
300	27.38	86.88	652	41.18	7.79	18.22	23.24	4.31	17.78	7.55	3.39 AMP
				335.19	138.44	259.44	19.74	277.78	253.17	278.71	59.85 PHASE
301	25.95	95.98	652	48.83	9.13	21.82	24.48	5.25	18.11	8.49	3.62 AMP
				339.48	139.36	265.17	17.87	247.88	263.69	288.23	58.29 PHASE



TABLE VII.- Continued

(d) Continued

TORSION 5% PERCENT RADIUS											
RUN NO 11											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
279	5.86	7.03	653	5.73	1.33	.56	1.84	1.12	.81	.39	.25 AMP
				338.11	128.85	357.16	258.35	287.52	113.39	271.61	281.25 PHASE
280	3.29	8.86	654	6.88	1.10	.63	.95	1.89	.82	.48	.28 AMP
				339.97	112.63	349.53	242.41	268.94	169.44	235.35	169.47 PHASE
281	1.46	8.28	653	6.64	1.82	.55	1.81	1.18	.14	.44	.23 AMP
				358.21	119.92	2.72	257.59	285.91	227.29	266.58	289.85 PHASE
282	-.41	8.92	653	7.48	.88	.43	1.28	1.89	.16	.88	.28 AMP
				353.64	187.96	351.38	256.58	279.28	251.39	255.55	231.99 PHASE
283	-2.43	18.55	652	8.58	1.11	.18	1.52	1.25	.17	.49	.21 AMP
				353.95	85.89	353.15	238.15	261.58	262.32	242.15	171.46 PHASE
284	-4.74	12.74	653	18.89	1.24	.66	2.12	1.46	.35	.68	.32 AMP
				359.43	88.49	221.26	256.88	276.87	298.56	266.76	198.38 PHASE
285	-7.21	15.58	653	12.16	1.35	1.65	2.75	1.76	.65	.84	.33 AMP
				355.61	72.78	228.46	244.48	256.19	272.85	239.77	194.28 PHASE
286	-18.87	19.51	653	16.18	1.81	3.87	2.99	2.96	2.18	1.75	.92 AMP
				354.78	68.78	244.17	253.12	249.66	272.63	264.65	279.67 PHASE
287	4.83	7.43	653	5.53	.98	.39	1.14	.99	.29	.33	.89 AMP
				336.92	185.62	322.82	239.38	283.83	72.89	257.78	145.93 PHASE
288	2.43	7.57	652	5.97	.75	.35	1.82	.98	.33	.35	.89 AMP
				346.63	111.73	332.56	244.29	388.99	77.95	276.84	155.11 PHASE
289	.72	8.44	653	6.63	.68	.24	1.11	.92	.27	.42	.18 AMP
				347.38	188.81	388.45	224.86	278.19	54.86	237.96	153.42 PHASE
290	-.94	8.98	654	7.27	.58	.19	1.19	.86	.38	.58	.18 AMP
				358.79	89.48	268.14	217.73	269.77	45.72	287.52	196.77 PHASE
291	-2.83	18.21	653	8.17	.55	.41	1.46	1.84	.48	.58	.14 AMP
				2.18	182.98	231.86	247.58	315.97	97.49	253.47	286.22 PHASE
292	-4.68	11.99	653	9.27	.75	.84	1.72	1.26	.46	.82	.18 AMP
				2.11	181.51	285.63	238.38	387.94	72.81	229.29	162.46 PHASE
293	-6.84	15.18	654	11.81	1.24	1.58	2.23	1.87	.54	.56	.14 AMP
				3.84	95.42	285.48	248.59	315.88	33.84	241.35	165.67 PHASE
294	-8.11	17.83	652	12.23	1.51	2.81	2.58	2.39	.67	.59	.88 AMP
				1.57	98.83	288.85	248.87	318.88	3.37	242.56	182.42 PHASE
295	1.84	6.81	653	5.57	.39	.24	.87	.77	.22	.21	.86 AMP
				347.54	182.91	315.39	227.24	275.59	63.81	248.34	91.73 PHASE
296	.22	7.22	653	6.18	.28	.16	.95	.85	.28	.31	.83 AMP
				351.26	98.48	381.98	223.14	268.84	44.19	226.48	347.89 PHASE
297	-1.54	7.95	653	6.88	.24	.17	1.18	1.84	.18	.39	.82 AMP
				358.93	183.14	262.88	231.38	279.37	74.38	236.78	169.85 PHASE
299	-3.37	9.18	653	7.71	.29	.32	1.42	1.14	.21	.43	.85 AMP
				2.86	118.28	284.52	226.48	275.74	81.32	219.33	178.38 PHASE
300	-4.28	18.15	652	8.17	.34	.47	1.55	1.28	.27	.44	.84 AMP
				3.84	119.75	281.49	224.78	275.93	75.68	218.47	154.12 PHASE
301	-5.42	18.96	652	8.98	.58	.79	1.68	1.26	.48	.47	.83 AMP
				5.87	124.32	199.39	238.78	291.88	79.59	286.82	228.47 PHASE

(d) Continued

FLAPWISE 77 PERCENT RADIUS											
	RUN NO	11									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
279	-4.22	24.25	653	16.67	6.19	3.18	2.65	3.87	.85	2.86	.31
280	-2.67	25.98	654	136.95	323.33	287.34	148.62	216.36	345.18	236.92	181.58
281	-1.17	27.36	653	17.75	6.56	3.39	2.23	4.88	.62	2.77	.58
282	.49	29.44	653	135.61	318.79	283.72	134.12	199.14	314.31	284.22	148.44
283	2.11	31.18	652	18.88	7.22	3.44	1.82	4.53	.82	2.94	.32
284	3.94	33.95	653	142.82	315.44	387.18	158.98	229.48	318.43	235.89	191.34
285	5.55	36.35	653	28.24	7.69	3.31	1.71	4.89	.59	3.85	1.39
286	6.47	39.68	653	143.27	318.36	389.96	168.68	226.85	288.89	229.54	184.97
287	-2.98	22.17	653	21.76	8.28	3.51	1.32	4.84	.72	2.94	1.78
288	-1.33	24.25	652	148.84	299.11	386.21	146.29	286.31	271.82	283.18	146.42
289	.34	25.98	653	23.83	8.62	3.71	1.31	3.81	.73	3.58	2.89
290	1.86	27.71	654	144.82	384.67	326.16	159.29	218.11	383.83	219.44	168.85
291	3.72	38.48	653	25.54	9.56	1.64	1.57	1.58	.37	3.99	3.32
292	5.34	32.56	653	148.87	296.77	319.96	89.89	166.28	339.78	183.71	142.74
293	6.97	35.68	654	26.98	11.98	1.24	4.28	3.55	.29	3.69	3.36
294	7.76	36.72	652	141.63	381.28	335.25	71.72	187.95	112.86	184.52	163.85
295	.52	21.82	653	16.38	5.53	2.98	2.52	3.68	.43	2.28	1.35
296	2.88	23.55	652	134.59	325.44	293.23	133.61	228.15	8.37	193.87	28.37
297	3.68	26.33	653	139.79	324.29	318.44	136.44	236.89	22.12	288.93	32.19
298	5.48	29.44	653	18.61	6.86	3.95	2.38	3.59	.46	2.36	.74
299	6.27	38.14	652	136.84	389.97	382.62	118.84	216.79	5.98	166.37	348.67
300	7.38	32.56	652	19.75	7.58	4.22	1.97	3.48	.55	2.61	.59
301	8.27	31.18	652	137.54	382.74	385.83	97.94	287.93	356.85	158.48	319.75
302	9.12	28.24	653	21.13	8.48	4.37	1.63	4.88	.53	2.93	.48
303	10.01	25.98	653	145.87	311.38	389.93	119.63	245.84	37.21	283.26	7.48
304	10.90	24.25	653	22.82	9.21	4.56	1.77	4.61	.58	2.88	.88
305	11.79	22.17	654	143.74	382.49	338.68	88.81	235.68	24.28	176.37	14.95
306	12.68	19.76	654	24.49	18.83	4.42	1.44	5.11	.77	3.27	.55
307	13.57	17.75	654	144.17	298.53	329.64	59.15	244.51	16.14	187.88	178.15
308	14.46	15.62	652	25.36	18.45	4.47	1.88	5.56	.83	3.33	.56
309	15.35	13.51	653	142.18	293.46	323.21	38.25	243.38	3.54	147.38	112.77
310	16.24	11.40	653	16.87	5.16	3.53	1.84	3.53	.39	1.32	.62
311	17.13	9.29	653	139.28	323.19	389.81	129.87	282.75	62.86	189.17	358.55
312	18.02	7.18	653	17.19	5.88	4.14	2.88	3.75	.77	1.52	.75
313	18.91	5.07	653	139.81	315.88	312.95	117.61	189.13	46.11	163.73	324.67
314	19.80	2.96	653	18.48	6.91	4.66	2.14	4.46	.34	1.49	.53
315	20.69	0.85	653	144.36	317.81	331.88	122.48	284.77	51.16	172.17	353.62
316	21.58	0.74	653	19.78	7.86	5.49	2.28	4.82	.38	1.68	.67
317	22.47	0.63	653	15.78	316.71	337.82	113.63	281.96	46.22	157.63	389.83
318	23.36	0.52	652	28.54	8.41	5.88	2.38	5.85	.48	1.86	.75
319	24.25	0.41	652	144.88	387.44	337.87	186.74	281.29	31.51	146.14	385.28
320	25.14	0.30	652	21.69	9.18	5.92	2.53	5.23	.43	1.91	.77
321	26.03	0.19	652	146.52	386.45	343.69	184.19	211.53	49.28	142.65	292.95

CHORDWISE 77 PERCENT RADIUS												
RUN NO		11										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
279	16.21	22.7#	653	6.46	2.77	3.29	2.65	2.42	3.47	1.22	.53	AMP
28#	17.65	24.47	654	174.25	328.88	285.66	86.14	385.71	189.33	282.62	87.99	PHASE
				5.82	2.63	3.62	2.91	3.38	6.89	2.21	1.81	AMP
281	18.72	21.54	653	185.85	325.11	286.28	43.36	261.78	198.92	247.97	83.23	PHASE
				5.81	2.67	3.84	2.44	3.58	4.17	1.77	1.81	AMP
282	19.69	23.55	653	286.28	334.79	385.22	52.23	285.47	238.48	319.63	139.65	PHASE
				4.49	2.34	4.52	5.38	6.41	7.23	1.21	1.91	AMP
283	28.36	31.42	652	226.55	337.46	386.51	51.12	295.22	244.28	385.73	125.84	PHASE
				4.46	2.89	5.88	6.42	6.87	8.78	1.85	2.82	AMP
284	21.25	32.97	653	282.38	327.77	299.38	36.29	288.85	255.31	243.24	98.76	PHASE
				5.12	1.82	6.48	7.42	7.21	8.87	3.37	2.21	AMP
285	21.98	48.61	653	285.88	328.22	313.85	47.89	296.88	247.42	331.22	131.22	PHASE
				5.85	2.82	6.33	8.23	7.88	9.66	3.88	2.88	AMP
286	23.21	49.53	653	311.82	323.31	295.48	27.59	386.33	293.19	223.91	97.88	PHASE
				8.83	2.34	8.48	8.91	6.72	7.37	7.88	.98	AMP
287	17.85	19.23	653	348.23	228.96	298.66	21.36	351.36	342.88	232.51	248.57	PHASE
				6.11	2.48	2.96	3.87	2.45	1.65	1.88	1.39	AMP
288	17.28	19.36	652	168.88	325.31	294.88	61.59	284.15	192.32	255.63	43.88	PHASE
				5.21	2.56	3.68	4.86	4.86	2.75	1.36	1.39	AMP
289	18.58	19.38	653	177.24	333.48	311.74	51.56	273.34	243.82	283.82	78.89	PHASE
				4.13	2.61	4.26	5.56	5.66	1.76	.79	1.52	AMP
29#	28.16	22.42	654	189.88	324.86	296.57	24.69	265.29	199.97	224.63	37.86	PHASE
				3.38	2.54	5.26	6.85	5.82	3.26	1.88	1.86	AMP
291	21.43	27.18	653	218.66	315.89	293.27	14.78	265.99	186.79	196.69	32.29	PHASE
				3.38	2.71	7.84	7.61	5.91	5.76	2.52	1.98	AMP
292	23.16	32.35	653	258.42	317.87	317.11	45.38	289.88	263.37	248.19	188.19	PHASE
				6.67	2.96	8.69	7.69	7.69	7.69	7.69	7.69	AMP
293	24.15	35.66	654	283.48	318.93	387.28	31.82	274.36	278.43	225.47	76.71	PHASE
				6.39	2.37	9.43	8.81	7.63	7.87	4.87	.67	AMP
294	24.78	39.86	652	388.86	385.24	398.22	24.91	267.41	295.98	231.56	53.15	PHASE
				6.74	1.53	9.98	7.62	9.18	7.18	3.41	1.15	AMP
295	18.8#	19.38	653	317.13	277.56	287.88	9.47	247.62	298.19	225.23	14.39	PHASE
				4.88	2.12	3.49	4.87	3.64	2.51	.12	1.11	AMP
296	19.54	18.8#	653	167.38	323.88	386.48	4.87	248.88	243.88	335.87	47.79	PHASE
				3.18	2.25	4.31	5.59	2.81	3.18	3.18	1.53	AMP
297	21.8#	23.65	653	179.62	318.29	299.45	32.25	229.59	221.28	187.22	28.66	PHASE
				1.88	2.75	5.78	7.31	3.32	5.69	2.29	1.55	AMP
299	22.75	27.14	653	289.87	318.64	311.71	41.53	242.42	249.16	238.57	68.38	PHASE
				2.23	3.23	7.61	9.15	4.84	7.81	2.78	1.28	AMP
38#	23.19	29.27	652	271.89	313.42	318.69	35.36	228.15	248.14	238.34	59.62	PHASE
				3.94	3.14	9.94	9.94	7.51	2.87	2.87	1.27	AMP
381	23.83	31.95	652	288.82	311.34	387.94	29.83	215.36	248.99	245.57	44.39	PHASE
				4.21	3.93	9.64	18.89	5.58	7.65	2.82	1.16	AMP
				385.19	311.71	318.85	28.64	217.85	259.21	261.31	38.93	PHASE

TABLE VII.- Continued

(d) Concluded

TORSION 75 PERCENT RADIUS												
RUN NO		11										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
279	1.15	5.58	653	3.58	1.38	.24	.59	.88	.11	.52	.23	AMP
280	-1.44	5.79	654	323.83	115.81	.81	298.83	387.18	287.98	38.87	387.89	PHASE
281	-2.85	5.72	653	3.85	1.28	.28	.55	.73	.87	.58	.24	AMP
282	-3.59	6.58	653	328.96	112.29	347.99	279.39	283.38	196.77	9.44	282.95	PHASE
283	-5.87	6.98	652	4.26	1.17	.23	.56	.76	.85	.48	.28	AMP
284	-6.68	7.66	653	342.38	126.24	348.55	292.42	386.65	278.97	33.28	329.94	PHASE
285	-7.95	9.25	653	4.77	1.85	.19	.68	.75	.88	.54	.32	AMP
286	-9.88	12.14	653	348.19	131.57	327.27	281.22	382.81	317.68	38.79	313.46	PHASE
287	.52	4.98	653	5.34	1.83	.18	.58	.78	.14	.55	.37	AMP
288	-1.98	5.28	652	358.91	138.32	278.36	258.88	275.37	267.21	356.85	296.38	PHASE
289	-2.56	5.98	653	6.15	.97	.31	.79	.81	.24	.66	.41	AMP
290	-4.84	6.75	654	358.82	153.74	245.45	254.38	279.42	288.84	14.58	322.81	PHASE
291	-5.72	7.69	653	7.84	.99	.54	1.14	1.85	.48	.64	.31	AMP
292	-7.28	8.32	653	356.26	168.88	221.81	222.98	239.34	265.58	347.62	282.42	PHASE
293	-8.62	9.13	654	8.74	.75	.67	1.78	1.72	1.82	.68	.13	AMP
294	-9.36	9.78	652	353.78	172.14	198.88	224.98	235.43	266.59	345.36	197.21	PHASE
295	-1.57	4.34	653	3.32	1.89	.82	.59	.67	.12	.37	.12	AMP
296	-3.83	5.13	653	321.71	112.41	75.62	272.71	293.63	149.67	18.31	246.67	PHASE
297	-4.62	5.86	653	3.62	.99	.83	.52	.68	.14	.41	.88	AMP
298	-5.24	6.88	653	335.79	126.58	117.86	285.39	386.75	132.86	33.25	283.36	PHASE
299	-6.24	6.88	653	4.14	.92	.89	.55	.61	.11	.41	.87	AMP
300	-7.85	7.31	652	339.79	126.57	125.48	259.88	277.48	87.28	345.58	264.53	PHASE
301	-8.81	7.93	652	4.67	.87	.19	.56	.61	.11	.44	.12	AMP
				345.66	131.87	143.78	242.84	268.68	65.81	342.47	247.28	PHASE
				5.36	.95	.38	.68	.76	.25	.45	.13	AMP
				358.73	151.35	181.48	257.74	318.32	79.66	31.45	279.22	PHASE
				6.88	1.86	.59	.83	.82	.31	.43	.14	AMP
				.81	1.85	.67	1.83	.88	53.75	6.21	265.76	PHASE
				6.98	1.89	.67	1.81	.95	.38	.55	.83	AMP
				3.81	1.57	.26	173.28	237.17	299.24	16.59	359.54	PHASE
				7.48	1.83	.61	1.84	1.86	.53	.56	.86	AMP
				.77	168.14	161.14	232.71	294.87	354.68	341.36	144.62	PHASE
				3.23	.64	.88	.44	.46	.88	.19	.82	AMP
				338.21	138.95	163.62	263.35	285.51	99.88	354.24	328.18	PHASE
				3.78	.68	.17	.58	.51	.85	.22	.82	AMP
				345.26	148.41	147.44	258.18	278.68	68.38	352.27	254.88	PHASE
				4.29	.65	.32	.68	.66	.12	.18	.85	AMP
				355.57	153.81	172.83	246.23	286.97	53.48	15.78	278.38	PHASE
				.22	154.13	.56	.74	.76	.19	.16	.85	AMP
				5.38	.98	.65	.86	.88	.24	.12	.87	AMP
				1.78	153.64	168.16	229.47	282.28	36.83	23.95	236.65	PHASE
				5.95	1.85	.83	.97	.83	.33	.88	.86	AMP
				5.21	155.64	171.62	231.12	298.91	38.52	53.41	238.26	PHASE

PITCH LINK												
RUN NO		11										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
279	-3.39	9.81	653	6.81	1.88	.56	1.38	1.36	.44	1.28	.23	AMP
280	-1.76	18.72	654	172.28	289.76	173.88	76.92	138.67	129.48	58.98	9.37	PHASE
281	-1.16	11.71	653	6.43	1.88	.74	1.26	1.36	.35	1.34	.41	AMP
282	1.55	13.38	653	174.71	276.85	159.98	59.83	189.58	89.21	26.19	334.67	PHASE
283	3.58	15.85	652	7.24	.99	.68	1.37	1.43	.43	1.32	.65	AMP
284	5.84	18.87	653	183.59	277.21	169.18	88.36	139.16	85.61	52.56	16.17	PHASE
285	8.58	24.37	653	8.43	1.15	.69	1.41	1.36	.65	1.52	.57	AMP
286	12.58	33.21	653	187.84	268.87	137.43	82.89	128.59	86.48	49.49	356.62	PHASE
287	-2.23	7.89	653	18.32	1.57	.69	1.61	1.72	.87	1.45	.78	AMP
288	-8.84	8.81	652	186.38	265.36	187.89	61.35	98.75	98.81	28.38	329.31	PHASE
289	.65	18.36	653	12.92	1.94	1.68	1.94	2.38	.94	1.81	.91	AMP
290	2.88	11.71	654	193.87	286.29	81.75	77.87	185.85	111.58	42.58	349.84	PHASE
291	3.88	14.18	653	16.56	2.27	2.99	2.33	3.19	.91	2.19	.71	AMP
292	5.78	16.25	653	198.43	284.97	65.19	63.93	83.58	78.43	24.89	334.13	PHASE
293	7.97	21.26	654	22.42	.15	.84	2.31	5.48	2.72	2.82	.92	AMP
294	9.32	24.37	652	191.66	318.57	77.89	54.66	69.19	79.65	62.56	96.87	PHASE
295	1.74	8.42	653	4.88	.46	.86	1.48	1.27	.38	.97	.11	AMP
296	4.69	11.79	653	173.38	283.81	132.38	58.34	138.36	164.61	32.59	157.22	PHASE
297	5.46	13.14	652	5.51	.29	.97	1.38	1.22	.31	1.85	.19	AMP
298	6.45	15.18	652	188.95	265.21	151.88	63.67	145.22	163.82	47.88	82.86	PHASE
299	8.91	19.78	653	6.27	.26	.93	1.52	1.38	.21	1.88	.29	AMP
300	10.85	28.08	654	182.26	224.25	126.58	46.39	127.16	118.24	358.67	22.86	PHASE
301	12.88	36.45	652	7.33	.38	.87	1.57	1.29	.21	1.64	.16	AMP
				184.18	289.77	118.81	48.15	117.42	99.54	354.88	348.86	PHASE
				8.97	.43	1.86	1.79	1.34	.29	1.45	.15	AMP
				195.74	253.81	93.88	73.64	162.82	181.86	34.83	63.38	PHASE
				11.83	1.55	.81	1.61	1.62	.45	1.51	.16	AMP
				195.43	277.94	64.77	64.93	147.63	99.54	7.32	187.77	PHASE
				14.21	1.67	2.96	2.39	2.35	.74	1.55	.27	AMP
				197.28	283.19	54.82	75.69	142.95	135.28	359.32	45.86	PHASE
				16.36	2.22	3.82	2.83	2.85	.85	1.26	.25	AMP
				194.79	276.43	43.84	78.97	131.18	138.98	346.86	96.17	PHASE
				4.77	.21	.99	1.12	1.31	.21	.58	.23	AMP
				183.95	86.39	142.37	45.94	125.89	122.57	1.54	49.29	PHASE
				5.59	.29	.99	1.13	1.47	.22	.88	.24	AMP
				187.75	187.49	134.17	44.13	113.89	121.89	358.98	45.81	PHASE
				6.69	.77	.98	1.45	1.53	.38	.86	.19	AMP
				194.15	139.77	134.86	57.66	131.74	96.69	14.29	43.44	PHASE
				8.83	.37	.84	1.67	1.64	.38	.93	.38	AMP
				197.59	146.27	188.65	56.78	128.43	73.89	359.27	51.12	PHASE
				8.91	.32	.93	1.87	1.84	.38	.95	.28	AMP
				197.98	158.48	76.23	55.97	124.48	67.32	346.87	45.12	PHASE
				18.85	.38	1.35	2.18	2.88	.15	1.86	.32	AMP
				288.68	192.91	61.49	62.51	133.88	68.36	344.35	59.71	PHASE

TABLE VII.- Continued

(e)  $\mu = 0.40$ ;  $M_T = 0.62$ 

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CG/SIGMA
302	-0.8	5.9	6.1	.02471	-.00169	.00309
303	-1.8	7.6	8.0	.03240	-.00368	.00378
304	-1.8	9.0	10.0	.04186	-.00562	.00477
305	-2.4	9.9	11.9	.05100	-.00764	.00580
306	-2.7	10.5	14.0	.06895	-.00972	.00711
310	-1.1	5.2	.0	.03183	.00164	.00161
311	-1.4	6.7	2.0	.04180	.00137	.00185
312	-2.0	7.7	3.9	.05294	.00109	.00216
313	-2.1	9.1	5.9	.06504	.00061	.00267
314	-2.5	10.2	7.9	.07320	.00026	.00346
315	-2.8	10.8	8.9	.07758	-.00009	.00390
316	-3.1	11.3	10.0	.08343	-.00033	.00442
318	-.7	3.3	2.0	.02151	-.00008	.00226
319	-1.2	6.6	3.9	.03248	-.00131	.00284
320	-1.3	8.0	5.9	.04200	-.00243	.00346
321	-1.8	9.1	8.0	.05411	-.00381	.00416
322	-2.5	10.1	9.9	.06370	-.00513	.00492
323	-2.7	10.7	10.9	.06906	-.00573	.00543

TABLE VII.- Continued

(e) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO		12									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
302	48.30	18.16	596	6.48	5.80	4.34	1.95	6.16	1.20	1.26	.87 AMP
				151.94	310.27	348.41	356.14	56.36	321.26	250.52	53.74 PHASE
303	49.50	17.72	595	6.77	5.72	4.99	2.21	5.83	1.02	1.04	.55 AMP
				140.91	306.61	343.53	338.79	41.24	313.48	225.89	348.00 PHASE
304	50.01	19.00	596	7.50	6.03	5.52	2.70	6.36	.82	1.12	.98 AMP
				137.68	311.21	351.40	333.81	49.71	337.96	236.58	341.91 PHASE
305	52.01	19.58	595	8.26	6.29	5.70	3.33	6.53	.49	1.00	1.19 AMP
				130.73	315.59	355.00	331.96	58.31	330.50	233.58	349.00 PHASE
306	53.39	21.70	593	9.17	6.59	6.20	4.16	6.71	.51	1.01	1.34 AMP
				124.21	318.46	353.38	324.43	65.71	321.13	235.87	327.23 PHASE
310	47.16	20.03	590	7.55	6.65	3.53	2.24	5.49	1.17	2.24	3.84 AMP
				144.58	314.10	24.09	353.96	106.77	344.52	231.29	92.48 PHASE
311	48.30	23.11	509	8.46	7.16	4.60	2.40	5.94	1.01	2.22	4.27 AMP
				141.10	312.30	20.28	344.25	95.36	335.67	224.62	76.47 PHASE
312	49.55	22.30	509	8.97	7.66	5.57	2.55	5.76	1.18	1.83	3.15 AMP
				139.17	313.93	23.26	345.30	94.91	337.66	229.86	77.49 PHASE
313	50.63	23.00	509	9.35	7.95	5.70	2.61	5.58	1.10	1.79	2.66 AMP
				134.03	314.30	12.17	319.53	89.04	330.68	221.95	62.03 PHASE
314	51.50	23.90	590	9.89	8.77	6.35	3.21	6.23	.80	1.61	2.56 AMP
				120.15	315.51	.10	296.95	89.16	7.95	197.26	46.04 PHASE
315	51.09	24.00	509	10.10	9.14	6.33	3.46	6.62	1.05	1.53	2.21 AMP
				124.36	315.29	354.75	280.04	90.77	19.55	107.38	20.25 PHASE
316	52.20	24.11	592	10.12	9.61	6.44	4.11	6.06	1.04	1.73	2.00 AMP
				110.50	314.70	339.25	270.27	86.68	27.56	163.61	2.00 PHASE
318	47.61	10.91	509	6.67	5.89	3.34	1.46	5.00	1.60	1.03	1.63 AMP
				147.05	311.73	351.05	359.04	76.02	330.74	240.97	83.04 PHASE
319	48.09	19.12	590	7.21	6.35	4.50	1.89	5.01	1.35	1.50	1.30 AMP
				140.30	322.07	8.96	5.39	98.61	354.14	200.23	107.74 PHASE
320	50.00	20.07	509	7.92	6.71	5.46	2.20	5.90	1.38	1.44	.63 AMP
				141.53	315.34	3.04	343.77	74.35	331.03	243.68	35.94 PHASE
321	51.29	20.29	590	8.33	7.00	6.17	3.00	5.70	1.22	1.49	1.27 AMP
				138.06	321.04	9.54	343.12	86.27	354.01	263.19	30.00 PHASE
322	52.36	20.92	509	8.78	7.23	6.34	3.02	6.30	1.26	1.34	1.74 AMP
				127.98	312.20	351.31	313.20	62.71	335.52	243.46	345.23 PHASE
323	52.09	22.36	590	9.19	7.39	6.54	3.34	6.61	1.10	1.16	1.79 AMP
				126.74	314.95	355.98	315.10	72.15	345.10	250.51	352.70 PHASE

CHORDWISE 25 PERCENT RADIUS											
RUN NO		12									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
302	45.70	37.20	596	11.09	6.85	9.27	6.60	2.86	12.52	3.24	.71 AMP
				308.29	131.79	210.13	48.05	311.06	37.53	19.50	80.17 PHASE
303	46.03	42.44	595	16.37	9.30	15.93	9.16	3.50	5.03	4.14	1.07 AMP
				322.01	137.13	200.69	32.07	269.93	34.02	27.09	55.94 PHASE
304	48.70	66.77	596	27.74	13.13	24.63	12.86	3.30	4.17	3.08	1.66 AMP
				346.12	145.02	214.62	37.68	271.00	306.74	59.47	66.14 PHASE
305	50.11	94.46	595	39.26	15.95	33.36	15.51	3.70	6.00	2.92	2.13 AMP
				356.06	150.68	224.00	39.09	231.41	284.62	56.94	84.42 PHASE
306	50.55	125.07	593	56.70	20.07	44.94	17.99	5.01	6.16	5.40	2.79 AMP
				5.53	156.09	233.09	41.20	227.00	209.33	56.70	101.60 PHASE
310	45.76	41.91	590	21.52	7.56	7.23	5.70	3.90	4.25	3.03	2.42 AMP
				268.78	119.15	249.65	72.65	74.36	190.79	93.41	154.70 PHASE
311	44.36	45.70	509	26.79	11.00	10.50	4.75	2.34	4.46	4.76	2.07 AMP
				200.06	120.30	248.41	60.69	22.10	50.40	86.54	145.64 PHASE
312	43.22	65.35	509	33.01	17.16	13.38	7.93	4.07	7.02	6.09	2.72 AMP
				309.36	125.75	242.35	53.54	6.99	114.40	102.44	154.19 PHASE
313	42.62	80.12	509	43.23	20.46	18.64	9.75	6.23	6.71	9.44	3.43 AMP
				323.23	120.06	233.29	42.73	356.74	153.39	113.63	135.32 PHASE
314	42.75	93.06	590	54.14	25.64	24.11	12.07	5.06	11.92	12.13	4.93 AMP
				335.38	130.97	231.57	30.13	351.03	176.73	110.31	116.16 PHASE
315	42.56	107.49	509	59.56	27.37	28.03	11.20	5.47	14.21	12.46	5.29 AMP
				340.19	132.90	232.23	32.51	335.29	169.19	121.10	106.71 PHASE
316	42.01	120.42	592	67.90	26.90	31.32	9.75	7.05	17.64	11.03	5.30 AMP
				344.50	131.58	229.51	8.22	305.67	196.20	120.19	90.93 PHASE
318	43.54	34.74	509	13.56	5.20	5.50	5.02	1.90	6.15	3.51	1.10 AMP
				262.29	114.73	238.57	50.72	45.01	20.49	43.71	126.07 PHASE
319	43.90	41.06	590	17.60	8.97	8.31	5.50	2.61	11.01	4.54	1.31 AMP
				295.75	122.19	243.72	69.00	12.29	73.44	74.09	166.00 PHASE
320	44.62	53.43	509	27.27	14.13	14.57	9.22	5.11	7.24	6.67	1.62 AMP
				320.30	127.22	219.52	30.77	340.02	83.44	71.21	112.60 PHASE
321	45.37	60.14	590	37.45	17.92	22.69	12.34	5.54	2.54	6.29	2.07 AMP
				330.36	140.69	231.19	52.54	12.10	114.10	100.11	135.49 PHASE
322	45.45	94.23	509	48.96	23.31	30.65	14.06	4.29	.32	6.23	2.73 AMP
				341.63	134.79	221.68	36.00	341.10	65.07	77.93	90.17 PHASE
323	45.27	105.16	590	54.42	22.30	34.49	15.53	3.56	.20	6.56	2.97 AMP
				345.35	149.20	229.15	41.93	340.15	114.73	90.23	109.61 PHASE

TABLE VII.- Continued

(e) Continued

TORSION 28 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
302	7.48	8.69	596	5.16	.56	1.66	1.46	2.17	.29	.26	.21
303	5.93	8.84	595	334.44	265.84	328.83	268.64	333.69	35.78	313.26	114.28
304	4.88	8.27	596	5.37	.89	1.63	1.58	2.84	.32	.25	.83
305	2.35	9.42	595	339.82	264.74	328.43	268.74	323.58	258.99	265.28	158.21
306	.24	11.77	593	6.13	1.83	1.88	1.88	2.81	.26	.52	.18
307	9.95	11.22	598	358.29	262.27	328.87	269.28	326.24	6.69	262.15	65.41
308	8.21	11.85	589	7.87	1.11	1.68	2.21	2.83	.23	.68	.31
309	6.33	11.65	589	358.43	251.93	387.87	276.92	339.86	66.18	264.29	56.15
310	4.24	12.58	589	8.56	1.17	1.88	2.78	2.47	.57	.48	.19
311	2.81	14.18	598	6.65	232.36	297.18	286.89	2.18	85.16	263.79	6.68
312	-.86	18.67	592	7.28	1.33	.88	1.63	1.78	.65	.44	.93
313	9.58	9.32	589	335.93	158.37	8.86	328.84	28.81	94.64	257.34	184.88
314	7.87	9.15	598	7.37	1.18	.98	1.64	1.84	.71	.45	1.87
315	6.82	9.16	589	348.48	158.14	5.96	387.41	13.88	185.86	266.23	98.84
316	4.16	18.12	598	7.82	1.18	.71	1.78	1.79	.48	.43	.79
317	2.31	11.86	589	349.27	161.11	18.93	388.24	28.31	119.53	258.86	95.87
318	1.36	12.87	598	8.76	.76	1.18	1.94	1.86	.49	.43	.93
319	7.87	9.15	598	353.68	158.38	355.94	297.55	9.52	45.82	288.94	84.33
320	6.82	9.16	589	18.39	.44	1.94	2.42	2.88	1.36	.25	1.23
321	4.16	18.12	598	357.37	88.38	347.49	387.71	11.49	48.78	384.23	63.87
322	2.31	11.86	589	11.32	.65	2.39	2.68	3.23	1.77	.16	1.15
323	1.36	12.87	598	358.44	46.48	346.25	313.76	17.73	48.71	166.49	61.46
				13.82	1.42	3.18	2.33	3.37	2.24	.96	1.86
				358.46	29.61	347.77	311.32	16.12	58.45	147.42	71.72
				5.88	.53	1.39	1.37	1.85	.44	.28	.39
				329.36	146.88	334.75	291.77	353.91	85.22	282.95	128.99
				6.18	.38	1.42	1.48	2.86	.43	.29	.28
				341.25	199.14	351.19	386.28	19.57	168.79	341.45	156.52
				6.59	.47	1.26	1.78	1.95	.32	.35	.86
				343.79	215.57	338.13	281.97	.59	45.52	267.81	283.53
				7.29	.57	1.24	1.93	1.84	.28	.61	.13
				356.59	222.84	328.95	292.48	11.88	58.23	298.19	79.86
				8.19	.68	1.32	2.16	1.97	.38	.78	.31
				358.79	288.88	384.72	273.84	358.17	58.58	263.71	26.17
				8.86	.75	1.33	2.38	2.16	.48	.66	.32
				2.95	193.75	381.98	279.85	2.38	67.18	269.52	15.81

TABLE VII.- Continued

(e) Continued

FLAPWISE 37 PERCENT RADIUS											
RUN NO 12											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
302	34.50	17.76	596	9.45	6.72	5.12	1.54	3.54	.38	.35	.32 AMP
				138.09	317.38	359.12	335.17	58.25	292.19	260.86	280.75 PHASE
303	35.63	18.02	595	10.06	6.91	6.26	1.78	3.24	.25	.23	.31 AMP
				133.40	312.48	354.24	330.09	42.61	262.25	236.72	166.39 PHASE
304	36.75	20.35	596	11.44	7.80	7.51	1.90	3.70	.28	.30	.47 AMP
				134.83	314.19	342.42	331.81	50.09	240.26	223.73	167.69 PHASE
305	37.61	22.41	595	12.73	8.66	8.35	2.20	3.94	.27	.40	.54 AMP
				135.20	315.69	345.79	335.57	58.01	213.95	250.12	176.71 PHASE
306	38.50	25.33	593	14.56	9.72	9.82	2.32	3.94	.37	.47	.53 AMP
				134.99	316.29	342.61	333.06	64.64	199.69	264.61	168.50 PHASE
310	32.05	21.78	590	11.63	7.81	4.92	2.11	2.73	.41	.31	1.14 AMP
				138.87	319.06	21.46	328.07	118.30	342.53	305.99	259.94 PHASE
311	33.00	23.83	589	13.00	8.68	6.29	2.20	3.03	.33	.39	1.26 AMP
				137.38	315.38	17.21	324.43	106.23	321.36	285.22	247.97 PHASE
312	33.87	25.55	589	13.98	9.49	7.65	2.12	2.69	.42	.40	1.03 AMP
				137.89	314.29	20.31	331.71	104.73	336.54	295.93	254.40 PHASE
313	34.76	26.10	589	14.94	10.33	7.93	2.16	2.54	.37	.37	.93 AMP
				135.83	311.67	11.62	310.02	95.20	321.88	283.34	241.10 PHASE
314	35.43	28.03	590	15.97	11.93	8.75	2.60	2.78	.03	.43	1.00 AMP
				133.66	309.93	2.58	286.79	98.10	331.85	258.28	226.00 PHASE
315	35.75	28.94	589	16.34	12.64	8.79	2.78	3.03	.13	.50	.95 AMP
				132.37	308.79	358.93	276.80	101.40	156.02	249.17	211.92 PHASE
316	36.06	29.33	592	16.68	13.34	8.78	3.13	2.65	.26	.68	.87 AMP
				129.63	306.59	347.76	261.16	98.00	161.59	248.34	193.51 PHASE
319	32.99	18.73	589	9.51	6.88	4.09	1.43	3.30	.60	.50	.53 AMP
				135.20	319.37	3.05	329.01	79.62	311.82	262.14	236.02 PHASE
319	34.13	20.34	590	10.66	7.59	5.58	1.70	3.15	.52	.45	.52 AMP
				139.83	326.06	18.03	343.04	102.96	331.91	292.96	248.50 PHASE
320	35.19	21.83	509	11.90	8.37	7.12	1.87	3.11	.55	.32	.49 AMP
				135.80	316.40	10.14	328.12	78.06	301.14	274.51	206.17 PHASE
321	36.24	23.47	590	13.16	9.25	8.29	1.90	3.14	.47	.32	.61 AMP
				137.38	320.07	18.29	334.83	88.35	312.46	264.24	210.26 PHASE
322	37.11	25.47	589	14.33	9.79	9.04	2.07	3.43	.39	.42	.72 AMP
				131.55	309.33	3.07	300.09	63.56	296.72	226.44	167.21 PHASE
323	37.45	26.89	590	15.00	10.29	9.59	2.15	3.67	.30	.42	.71 AMP
				132.58	310.97	8.50	313.40	71.52	304.64	239.49	173.74 PHASE

CHORDWISE 37 PERCENT RADIUS											
RUN NO 12											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
302	21.89	43.14	596	9.22	5.21	5.91	9.46	2.57	18.03	5.50	.99 AMP
				304.14	139.79	226.73	44.11	334.19	31.59	19.91	131.16 PHASE
303	22.34	38.58	595	12.94	7.41	10.59	12.44	2.04	7.42	7.44	1.32 AMP
				316.14	143.34	214.24	30.68	275.08	25.08	26.25	76.65 PHASE
304	23.25	61.02	596	21.24	10.32	17.40	2.58	6.58	5.03	5.03	2.52 AMP
				337.74	149.74	227.19	36.87	281.95	302.70	75.05	95.50 PHASE
305	23.73	85.38	595	29.67	12.83	24.22	21.41	2.68	9.49	3.76	3.31 AMP
				346.32	154.20	236.66	39.90	214.80	279.54	76.88	111.15 PHASE
306	22.90	110.87	593	42.54	16.99	33.65	25.79	4.92	9.37	5.64	4.65 AMP
				355.34	158.54	245.75	42.08	217.38	281.00	62.94	120.55 PHASE
310	25.34	38.09	590	17.62	6.00	5.32	8.06	5.08	6.41	6.31	3.21 AMP
				270.80	118.43	268.19	61.63	79.99	196.02	90.30	202.33 PHASE
311	23.99	45.55	589	22.53	9.43	8.47	8.42	2.78	5.32	8.01	4.66 AMP
				288.47	119.04	265.35	50.42	47.51	31.53	78.02	102.34 PHASE
312	22.53	59.52	589	27.82	13.08	10.77	12.37	4.79	3.98	10.93	4.17 AMP
				306.19	124.04	265.54	53.96	18.50	107.25	92.00	193.00 PHASE
313	21.31	65.07	589	35.87	16.69	14.50	14.23	6.14	7.05	14.86	4.29 AMP
				310.50	120.07	255.43	45.02	350.00	162.71	109.69	166.40 PHASE
314	20.02	85.40	590	44.20	21.30	19.29	16.42	5.04	17.34	18.09	5.65 AMP
				329.61	132.00	252.07	39.46	331.45	186.04	120.65	130.27 PHASE
315	19.41	97.97	589	40.23	23.18	22.87	15.80	19.01	19.01	19.01	6.45 AMP
				334.11	135.06	251.45	33.52	315.76	195.01	125.53	122.50 PHASE
316	18.90	119.61	592	54.25	23.05	24.91	14.19	11.17	20.29	10.52	7.79 AMP
				338.50	135.02	247.91	11.35	296.38	201.05	134.25	100.26 PHASE
318	22.51	33.69	589	11.02	4.07	3.65	7.73	2.09	8.63	6.40	1.42 AMP
				265.83	110.00	258.86	51.32	54.01	21.81	37.97	161.07 PHASE
319	22.62	45.77	590	14.74	7.07	5.96	8.77	2.07	15.96	8.06	2.00 AMP
				293.22	124.12	261.90	62.61	35.97	66.56	68.38	192.50 PHASE
320	22.50	49.09	509	21.01	10.95	10.16	12.99	4.00	9.44	11.66	2.16 AMP
				314.92	123.93	237.08	40.00	354.32	60.25	66.07	135.00 PHASE
321	22.40	60.03	590	20.72	14.08	10.15	17.26	5.00	2.51	10.91	3.17 AMP
				317.95	147.66	247.04	53.21	15.50	102.04	100.98	156.19 PHASE
322	21.63	81.46	509	31.60	15.05	22.68	20.06	4.47	1.22	10.43	4.18 AMP
				331.92	135.97	237.29	35.63	346.03	276.95	84.67	116.76 PHASE
323	20.59	90.22	590	43.07	17.99	25.77	22.15	4.01	1.09	19.37	4.65 AMP
				333.71	142.39	245.59	41.70	346.46	270.99	97.97	126.61 PHASE

TABLE VII.- Continued

(e) Continued

TORSION 36 PERCENT RADIUS											
RUN NO		12									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
302	5.30	8.37	596	6.59	.29	.77	1.41	1.91	.29	.26	.14 AMP
				332.00	98.78	292.28	237.15	291.85	357.96	280.94	48.18 PHASE
303	3.79	8.35	595	6.86	.10	.75	1.37	1.81	.29	.25	.01 AMP
				334.72	170.36	281.46	228.87	281.36	328.07	236.13	36.13 PHASE
304	2.00	9.26	596	7.66	.26	.73	1.64	1.86	.20	.43	.09 AMP
				343.18	184.55	270.82	237.43	284.33	348.00	225.19	1.05 PHASE
305	.32	10.69	595	8.50	.54	1.00	2.03	1.87	.22	.50	.25 AMP
				349.49	176.31	252.99	244.33	298.51	36.31	219.81	354.43 PHASE
306	-1.75	13.03	593	10.00	1.01	1.33	2.48	2.19	.55	.39	.19 AMP
				356.32	166.14	242.14	256.10	319.96	51.43	221.48	323.61 PHASE
310	8.48	11.02	590	7.96	1.77	.20	1.32	1.53	.55	.20	.61 AMP
				330.06	127.32	355.18	285.73	346.00	57.36	223.84	54.31 PHASE
311	6.79	11.09	589	8.29	1.64	.20	1.33	1.66	.60	.28	.72 AMP
				333.67	127.58	.92	274.00	331.47	67.27	241.13	39.36 PHASE
312	4.95	11.09	589	8.82	1.62	.11	1.40	1.60	.36	.27	.54 AMP
				341.16	126.72	84.27	267.17	337.79	85.39	229.73	42.76 PHASE
313	2.95	12.63	589	9.75	1.41	.24	1.61	1.67	.39	.34	.67 AMP
				344.58	113.09	345.26	267.02	328.82	0.90	268.27	31.53 PHASE
314	.01	14.16	590	11.36	1.29	.82	2.03	2.45	1.10	.26	.91 AMP
				347.29	84.04	326.58	281.97	332.75	357.90	296.79	11.05 PHASE
315	-.29	15.05	589	12.26	1.36	1.15	2.20	2.78	1.41	.13	.84 AMP
				347.98	65.77	326.80	289.65	339.42	6.39	30.21	0.94 PHASE
316	-1.84	16.10	592	13.77	1.92	1.71	1.90	2.85	1.79	.69	.71 AMP
				347.76	43.46	335.52	291.21	340.00	15.59	84.98	10.26 PHASE
318	7.99	9.00	589	6.87	1.05	.67	1.28	1.64	.40	.19	.27 AMP
				326.49	107.34	307.01	258.26	312.37	47.76	264.54	65.28 PHASE
319	6.37	9.32	590	7.29	.81	.59	1.27	1.80	.38	.26	.18 AMP
				336.74	124.08	320.94	273.00	338.41	66.33	313.76	91.76 PHASE
320	4.59	9.66	509	7.86	.74	.49	1.48	1.75	.20	.26	.03 AMP
				339.41	125.02	277.66	250.37	317.61	20.75	240.91	301.21 PHASE
321	2.78	10.81	590	8.59	.83	.56	1.68	1.70	.25	.48	.14 AMP
				343.30	135.06	257.06	260.69	327.19	39.97	253.87	13.50 PHASE
322	1.06	11.94	589	9.42	.99	.74	1.88	1.79	.30	.58	.27 AMP
				343.19	121.45	231.88	243.55	306.86	28.70	222.48	336.63 PHASE
323	.17	12.80	590	10.05	1.20	.88	2.01	1.92	.36	.49	.28 AMP
				352.84	124.88	227.64	250.28	319.47	41.56	227.61	344.73 PHASE



TABLE VII.- Continued

(e) Continued

FLAPWISE 51 PERCENT RADIUS												
RUN NO 12												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
302	22.06	19.08	596	11.48	8.34	6.48	1.15	1.67	.59	.81	.72	AMP
				127.31	315.83	355.88	298.88	233.35	144.35	58.95	231.87	PHASE
303	23.16	20.19	595	12.41	8.68	7.07	1.12	1.68	.78	.46	.49	AMP
				125.86	309.82	351.87	298.87	223.83	126.59	32.28	163.84	PHASE
304	24.17	24.74	596	14.21	9.78	9.68	1.83	1.66	.58	.94	.94	AMP
				127.96	309.88	2.74	296.38	238.11	133.29	43.35	157.48	PHASE
305	24.86	28.28	595	16.84	10.84	10.92	.85	1.66	.78	.78	1.19	AMP
				129.84	318.73	10.92	299.46	239.21	143.22	42.37	166.13	PHASE
306	25.56	33.41	593	18.52	12.45	13.18	.71	1.71	.52	.62	1.48	AMP
				131.45	311.17	16.12	306.61	243.42	147.82	45.99	158.77	PHASE
310	19.59	25.96	598	14.37	9.25	6.52	1.25	2.47	.93	1.78	4.82	AMP
				129.88	318.48	14.72	321.67	269.11	175.38	36.18	266.52	PHASE
311	20.58	28.53	589	16.87	10.52	7.98	1.36	2.44	.84	1.69	4.37	AMP
				129.53	314.18	11.82	318.88	256.98	171.87	29.43	251.81	PHASE
312	21.37	30.27	589	17.38	11.61	9.69	1.35	2.48	.62	1.42	3.34	AMP
				132.83	312.62	15.45	321.35	258.28	167.98	33.86	253.33	PHASE
313	22.12	31.86	589	18.72	12.84	10.24	1.37	2.37	.61	1.53	2.76	AMP
				138.96	318.24	9.89	312.96	251.21	144.64	26.48	241.76	PHASE
314	22.63	34.54	598	19.89	15.11	11.37	1.75	2.88	.52	1.42	2.67	AMP
				138.38	307.57	1.31	289.61	246.17	172.73	358.78	224.68	PHASE
315	22.83	35.28	589	20.27	16.15	11.64	1.98	3.84	.54	1.42	2.29	AMP
				129.96	306.34	358.19	284.42	246.17	179.42	346.87	287.92	PHASE
316	22.92	36.93	592	20.75	17.22	11.59	1.78	2.91	.49	1.73	2.81	AMP
				128.13	303.66	348.81	277.89	241.33	194.88	329.64	179.71	PHASE
318	21.16	19.86	589	11.73	8.29	5.31	1.38	2.88	.97	1.23	1.55	AMP
				124.85	319.58	359.98	309.46	246.84	139.77	53.84	257.14	PHASE
319	22.14	21.15	598	13.88	9.32	7.89	1.41	2.85	.76	.96	1.27	AMP
				138.24	324.83	14.51	327.68	264.76	169.23	83.14	283.71	PHASE
320	23.83	24.39	589	14.69	10.52	7.65	1.48	2.75	.89	.89	1.81	AMP
				128.17	313.98	7.69	313.43	242.34	139.22	42.88	289.77	PHASE
321	23.98	28.32	598	16.43	11.85	10.68	1.43	2.12	.78	1.81	1.31	AMP
				131.44	317.28	10.88	323.81	252.69	157.64	67.38	289.13	PHASE
322	24.78	31.88	589	18.18	12.73	11.67	1.46	2.87	.64	.84	1.73	AMP
				127.18	306.24	4.63	302.49	226.95	134.69	57.47	165.41	PHASE
323	25.89	33.88	598	19.82	13.51	12.53	1.48	2.11	.58	.65	1.82	AMP
				128.57	308.32	18.45	309.84	236.89	137.27	63.13	172.99	PHASE

CHORDWISE 51 PERCENT RADIUS												
RUN NO 12												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
302	20.67	51.64	596	9.32	4.48	4.41	11.49	2.23	21.39	7.15	1.56	AMP
				303.84	149.23	254.18	42.97	325.88	32.24	23.99	157.87	PHASE
303	20.94	42.18	595	12.72	6.47	8.14	15.14	3.19	8.62	9.78	1.55	AMP
				311.57	158.28	233.21	31.84	259.85	24.58	31.31	96.85	PHASE
304	21.14	64.23	596	19.81	9.88	13.89	28.85	2.81	8.39	6.51	3.64	AMP
				338.49	154.28	244.87	38.73	265.91	381.52	82.54	116.75	PHASE
305	21.31	84.38	595	27.87	11.26	28.15	25.54	3.51	12.31	4.54	4.94	AMP
				338.33	157.74	252.55	42.38	284.89	279.45	85.81	132.81	PHASE
306	20.48	186.98	593	37.83	14.68	28.91	31.11	5.93	12.34	6.41	6.29	AMP
				346.41	168.87	268.87	44.38	288.83	279.58	64.98	139.84	PHASE
310	24.37	44.94	598	16.78	5.27	4.75	9.24	5.89	7.98	8.31	4.46	AMP
				274.58	119.35	291.12	68.29	78.78	284.29	89.94	223.87	PHASE
311	22.82	58.98	589	21.61	7.92	7.73	18.39	2.71	5.82	18.59	6.18	AMP
				288.93	119.44	284.95	49.77	48.83	21.59	79.83	282.12	PHASE
312	21.31	65.71	589	26.78	11.58	9.79	15.89	4.46	9.15	14.23	5.46	AMP
				384.17	124.49	285.89	54.32	16.92	187.99	93.83	217.21	PHASE
313	19.73	73.18	589	34.81	14.89	13.23	17.38	5.86	8.44	18.67	5.23	AMP
				314.39	126.38	273.65	47.86	341.69	175.19	111.82	188.98	PHASE
314	18.89	85.18	598	41.36	18.53	18.24	19.57	5.64	21.19	23.32	6.43	AMP
				323.89	129.85	269.89	39.76	388.98	196.33	125.33	158.64	PHASE
315	17.41	98.91	589	44.26	28.58	21.85	18.91	8.27	27.22	23.72	7.48	AMP
				327.99	133.24	265.77	32.59	298.97	284.83	131.84	139.26	PHASE
316	16.81	117.83	592	48.52	21.87	25.93	17.77	13.83	35.51	22.55	9.13	AMP
				332.13	134.22	268.62	9.82	288.94	287.98	148.73	112.35	PHASE
318	21.15	35.89	589	18.41	3.53	3.23	8.98	2.45	9.89	8.21	1.72	AMP
				272.88	122.15	288.13	49.43	53.17	21.91	41.17	181.81	PHASE
319	21.11	58.82	598	14.27	5.93	5.83	18.75	2.52	10.42	10.35	2.88	AMP
				297.18	123.38	283.62	61.78	28.65	66.98	78.58	218.21	PHASE
320	20.96	55.62	589	20.71	9.16	8.87	15.78	4.61	18.35	15.89	2.43	AMP
				311.95	129.67	259.41	41.76	346.88	11.67	69.73	158.61	PHASE
321	20.48	63.81	598	27.77	11.84	13.38	28.75	5.48	2.86	14.14	4.13	AMP
				325.49	142.39	267.46	55.88	18.95	122.86	112.19	172.48	PHASE
322	19.47	79.87	589	35.46	13.67	19.58	24.88	4.12	2.88	13.39	5.61	AMP
				327.43	135.62	255.83	36.61	339.15	267.66	88.31	134.53	PHASE
323	18.72	87.51	598	39.39	15.33	22.65	26.68	3.74	2.89	13.23	6.85	AMP
				331.77	143.84	263.16	42.54	338.98	278.55	181.99	144.99	PHASE

TABLE VII.- Continued

(e) Continued

TORSION 5% PERCENT RADIUS											
RUN NO 12											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
302	2.92	7.56	596	5.98	.24	.43	1.12	1.68	.28	.25	.12
				341.53	138.49	313.34	264.54	317.52	42.44	316.34	189.21
303	1.71	7.73	595	6.23	.23	.35	1.88	1.55	.26	.24	.84
				343.85	288.87	303.88	256.78	386.74	9.83	279.83	96.85
304	.16	8.48	596	6.85	.44	.38	1.28	1.61	.19	.39	.13
				351.58	212.35	278.16	263.36	389.15	13.12	268.25	45.99
305	-1.35	9.58	595	7.52	.68	.53	1.52	1.78	.26	.46	.25
				357.85	286.47	248.67	268.89	322.83	56.93	257.44	35.65
306	-3.25	11.51	593	8.55	.99	.79	1.88	2.88	.55	.37	.28
				3.84	193.83	235.62	277.51	342.61	77.82	244.69	359.57
310	4.68	8.92	598	6.56	1.36	.22	1.18	1.24	.54	.15	.29
				338.18	148.78	14.58	389.68	18.12	98.55	321.45	121.28
311	3.84	8.98	589	6.85	1.28	.28	1.18	1.32	.54	.27	.37
				341.56	144.37	15.25	296.77	355.62	98.54	382.84	184.88
312	1.39	9.39	589	7.25	1.21	.11	1.13	1.26	.33	.25	.38
				348.82	147.54	97.25	298.85	357.91	117.67	296.66	111.15
313	-.33	9.89	589	7.98	.93	.22	1.18	1.35	.31	.37	.44
				351.85	141.55	35.91	292.88	358.58	51.44	321.48	86.58
314	-2.27	11.27	598	9.24	.62	.57	1.47	2.81	.91	.33	.62
				354.85	186.17	12.22	389.58	357.33	34.81	346.19	58.28
315	-3.29	11.95	589	9.97	.63	.77	1.68	2.32	1.18	.19	.57
				354.27	73.89	18.62	317.95	5.84	41.35	37.33	55.83
316	-4.66	13.24	592	11.88	1.14	1.19	1.45	2.35	1.48	.57	.44
				353.88	39.88	14.46	322.38	7.95	47.58	118.39	72.29
318	3.99	7.65	589	5.92	.83	.42	1.85	1.36	.39	.16	.18
				335.88	123.83	332.65	285.61	338.86	88.43	317.19	141.82
319	2.68	7.94	598	6.29	.65	.37	1.82	1.47	.36	.24	.14
				345.63	146.93	347.98	381.24	3.34	182.36	351.89	165.85
320	1.88	8.57	589	6.77	.68	.23	1.12	1.45	.23	.24	.83
				347.73	157.24	384.87	277.78	348.88	58.65	289.94	192.26
321	-.55	9.23	598	7.34	.67	.22	1.22	1.43	.18	.38	.18
				356.19	172.91	261.66	287.21	349.17	67.71	298.83	82.86
322	-2.11	18.87	589	7.93	.78	.34	1.33	1.52	.25	.46	.23
				356.48	161.72	223.56	267.29	329.11	59.27	257.71	19.85
323	-2.98	18.99	598	8.42	.98	.49	1.43	1.65	.32	.43	.23
				359.77	168.38	214.54	273.67	341.61	73.71	262.26	28.38

TABLE VII.- Continued

(e) Continued

FLAPWISE 77 PERCENT RADIUS											
RUN NO 12											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
302	-1.32	27.02	596	18.01	7.33	5.36	2.76	6.15	.19	.98	.98 AMP
303	1.40	28.06	595	138.24	328.92	328.22	173.53	228.91	209.86	219.88	52.86 PHASE
304	3.17	30.48	596	18.43	7.43	6.07	2.77	5.96	.25	.87	.54 AMP
305	4.71	32.91	595	137.43	323.38	321.05	168.78	215.69	223.89	197.13	338.25 PHASE
306	6.35	38.18	593	19.73	8.45	7.17	2.96	6.31	.29	.83	1.22 AMP
310	-4.43	32.21	590	141.58	324.58	335.26	155.42	224.77	290.27	212.91	331.48 PHASE
311	-2.05	35.38	589	21.02	9.68	8.16	3.16	6.57	.33	.51	1.61 AMP
312	-1.31	37.00	589	144.14	325.13	347.05	158.97	232.71	309.98	200.58	343.55 PHASE
313	.32	38.02	589	22.73	11.48	9.78	3.15	6.93	.72	.37	1.92 AMP
314	1.71	41.41	590	147.78	323.83	354.78	148.58	241.34	314.95	216.38	327.93 PHASE
315	2.33	41.86	589	19.78	8.53	6.51	2.46	3.58	1.65	1.63	4.94 AMP
316	3.89	42.39	592	137.45	331.12	346.73	166.75	294.36	12.49	242.28	88.47 PHASE
317	-3.11	26.05	589	28.66	9.61	7.28	2.31	4.17	1.49	1.67	5.45 AMP
318	-1.38	28.92	590	138.64	326.19	345.92	155.71	288.05	4.74	232.31	65.91 PHASE
319	.23	30.71	589	21.49	10.54	8.61	2.38	4.01	1.12	1.41	4.24 AMP
320	1.88	34.18	590	143.28	325.42	350.65	157.43	282.63	356.72	235.78	66.93 PHASE
321	3.50	36.79	589	22.46	11.58	8.91	2.28	4.36	1.48	1.67	3.53 AMP
322	4.19	39.07	590	144.68	322.13	344.91	143.56	273.48	317.48	239.56	58.82 PHASE
323				23.62	13.42	10.07	2.29	5.22	1.86	1.25	3.59 AMP
				146.45	319.49	348.69	136.31	271.08	298.72	224.98	38.54 PHASE
				24.05	14.38	10.48	2.08	5.94	2.12	1.85	3.29 AMP
				147.26	318.49	338.44	128.51	272.88	295.27	211.73	14.59 PHASE
				24.52	15.38	10.22	2.07	5.79	2.32	1.16	3.86 AMP
				146.71	315.48	338.84	188.92	267.18	284.84	183.75	348.45 PHASE
				17.92	7.64	5.25	2.47	5.22	1.49	1.48	2.86 AMP
				135.62	328.84	321.75	188.58	251.25	309.09	228.89	72.88 PHASE
				18.93	8.41	6.18	2.47	5.38	.32	1.19	1.79 AMP
				142.23	335.76	348.42	189.84	275.18	334.18	259.26	98.16 PHASE
				19.94	9.48	7.33	2.48	5.36	.41	1.12	1.82 AMP
				141.31	325.58	336.23	168.46	253.83	302.46	223.73	25.96 PHASE
				21.22	10.68	8.47	2.48	5.43	.62	1.13	1.92 AMP
				146.59	329.29	349.48	172.29	266.72	303.83	251.92	24.35 PHASE
				22.29	11.66	9.21	2.21	5.18	.72	.91	2.61 AMP
				147.91	317.66	337.39	142.72	244.88	278.21	253.97	339.26 PHASE
				23.13	12.47	9.88	2.18	6.68	.96	.66	2.77 AMP
				146.15	319.62	344.84	144.19	252.88	273.12	266.85	347.11 PHASE

CHORDWISE 77 PERCENT RADIUS											
RUN NO 12											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
302	12.97	24.06	596	6.45	3.16	4.82	3.47	4.64	8.86	2.38	.88 AMP
303	13.66	22.91	595	155.31	328.26	317.71	56.58	236.37	22.23	14.43	187.57 PHASE
304	14.86	26.88	596	5.33	2.82	5.48	4.92	5.58	3.85	3.51	3.51 AMP
305	16.39	36.54	595	155.84	328.68	305.45	48.68	228.25	7.65	27.34	68.48 PHASE
306	17.72	41.24	593	3.48	3.98	7.16	7.52	5.67	4.86	2.47	1.96 AMP
310	11.01	25.58	590	158.76	321.48	311.59	48.25	226.95	291.89	85.76	86.12 PHASE
311	11.59	28.23	589	1.83	3.44	8.84	9.69	6.17	5.87	1.68	1.38 AMP
312	12.23	27.93	589	167.76	328.11	314.82	51.62	221.23	273.95	88.51	103.89 PHASE
313	12.70	34.63	589	.66	4.21	11.87	12.26	7.29	6.22	2.17	1.23 AMP
314	12.70	44.98	590	312.71	315.84	316.87	52.36	224.98	275.88	56.94	128.27 PHASE
315	12.67	46.14	589	7.94	3.68	5.39	3.22	1.58	2.13	2.41	2.14 AMP
316	12.94	54.24	592	168.44	339.46	339.34	82.74	325.11	213.49	89.93	187.44 PHASE
317	7.29	22.58	589	6.85	3.86	6.61	3.88	2.61	3.23	3.32	2.53 AMP
318	7.88	23.73	590	175.61	337.96	333.44	68.18	286.54	1.18	75.18	182.58 PHASE
319	9.38	26.84	589	5.63	3.67	8.01	5.63	3.38	2.69	4.98	1.23 AMP
320	10.79	28.71	590	187.96	345.18	336.49	67.25	297.21	82.99	87.49	185.91 PHASE
321	11.81	38.45	569	4.11	4.18	8.86	6.99	4.29	2.63	6.98	1.36 AMP
322	12.04	34.37	590	289.86	343.18	327.79	58.17	285.45	198.46	111.23	111.28 PHASE
				3.78	4.81	11.13	8.85	5.79	8.58	9.33	1.72 AMP
				247.44	338.54	328.85	48.93	278.18	285.19	125.38	186.65 PHASE
				3.88	4.88	12.89	7.84	7.56	11.82	9.83	2.87 AMP
				261.56	332.88	314.62	48.26	272.93	211.31	129.85	99.64 PHASE
				4.14	5.11	13.28	7.45	9.88	14.51	9.72	2.79 AMP
				278.35	323.53	383.87	18.18	271.58	212.58	137.76	76.15 PHASE
				7.58	3.48	4.56	2.48	3.81	3.92	2.48	1.38 AMP
				158.19	334.92	325.54	68.62	255.83	7.62	32.12	188.85 PHASE
				6.45	3.68	5.55	3.41	6.97	6.97	3.58	1.48 AMP
				168.15	348.84	337.62	76.91	283.77	55.89	61.26	153.36 PHASE
				4.74	3.58	6.52	5.39	4.28	3.44	5.56	.65 AMP
				172.98	341.18	325.88	52.91	268.53	69.64	65.97	117.94 PHASE
				3.13	3.61	8.19	7.61	4.86	.28	5.33	.84 AMP
				192.56	342.50	331.88	63.27	283.87	341.15	118.24	119.89 PHASE
				1.97	3.96	9.98	9.35	4.69	2.38	4.92	.92 AMP
				224.28	328.35	312.89	42.93	251.25	259.28	83.69	86.53 PHASE
				1.94	4.99	11.23	10.43	5.24	2.66	4.92	.81 AMP
				250.88	325.56	317.16	47.73	256.22	265.58	97.14	183.63 PHASE

TABLE VII.- Continued

(e) Concluded

TORSION 75 PERCENT RADIUS											
RUN NO 12											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
302	-1.22	5.13	596	3.52	.76	.21	.75	.79	.16	.09	.08 AMP
303	-1.26	5.37	595	331.03	132.84	207.95	293.59	320.62	15.99	358.38	282.76 PHASE
304	-2.62	6.25	596	3.71	.69	.28	.69	.80	.18	.11	.08 AMP
305	-3.91	7.21	595	335.46	147.60	181.97	287.28	309.43	354.23	332.79	282.33 PHASE
306	-5.48	8.69	593	4.21	.89	.50	.81	.87	.22	.09	.06 AMP
310	1.77	6.87	590	345.79	167.33	180.96	286.91	312.48	359.84	338.38	359.41 PHASE
311	.55	6.71	589	4.73	1.17	.81	.89	1.01	.30	.06	.10 AMP
312	-.78	6.83	589	353.08	175.51	189.22	282.38	323.19	28.32	195.59	323.79 PHASE
313	-2.84	7.13	589	5.53	1.54	1.07	.98	1.24	.53	.18	.10 AMP
314	-3.45	8.35	590	1.19	175.28	189.50	286.49	336.63	56.31	158.29	318.55 PHASE
315	-4.17	8.66	589	4.17	1.66	.17	.75	.78	.21	.32	.40 AMP
316	-5.13	9.02	592	325.20	126.41	181.83	331.99	8.13	122.98	69.47	242.37 PHASE
318	1.55	5.80	589	4.38	1.63	.26	.74	.76	.19	.23	.43 AMP
319	.31	5.77	590	330.01	131.62	189.32	323.64	356.56	118.01	63.03	230.37 PHASE
320	-.90	6.10	589	4.61	1.62	.42	.67	.72	.17	.17	.31 AMP
321	-2.32	7.12	590	340.82	139.79	184.55	323.71	350.25	123.73	52.68	224.92 PHASE
322	-3.62	7.65	589	4.98	1.68	.43	.71	.85	.13	.35	.11 AMP
323	-4.34	8.20	590	347.19	146.19	175.12	319.16	339.64	46.31	22.29	236.87 PHASE
				5.70	1.43	.27	.96	1.21	.50	.42	.05 AMP
				351.54	150.37	152.73	334.14	350.09	34.14	30.12	219.68 PHASE
				6.00	1.33	.25	1.01	1.34	.61	.41	.05 AMP
				352.75	152.14	120.55	342.00	358.00	39.72	36.23	247.02 PHASE
				6.68	1.13	.46	.89	1.24	.64	.32	.24 AMP
				352.64	149.49	70.11	352.22	1.21	44.45	34.25	257.18 PHASE
				3.65	1.21	.85	.75	.78	.15	.20	.17 AMP
				322.20	120.18	199.91	309.04	342.64	64.52	64.97	255.62 PHASE
				3.87	1.09	.12	.74	.76	.16	.10	.10 AMP
				331.97	139.04	202.00	331.53	5.34	98.39	83.47	307.37 PHASE
				4.22	1.09	.31	.71	.79	.12	.15	.05 AMP
				339.84	144.33	183.93	312.09	337.32	57.90	20.28	311.47 PHASE
				4.65	1.22	.53	.72	.83	.13	.16	.03 AMP
				350.75	160.98	187.21	310.56	342.57	55.02	37.64	43.89 PHASE
				5.09	1.37	.70	.73	.80	.22	.09	.09 AMP
				352.69	156.37	173.68	292.24	323.73	33.58	43.79	1.24 PHASE
				5.42	1.51	.91	.74	.95	.30	.05	.09 AMP
				355.66	160.05	177.55	297.20	334.21	44.57	67.36	14.48 PHASE

PITCH LINK											
RUN NO 12											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
302	-.96	8.13	596	2.01	1.40	2.18	1.22	2.36	.34	.24	.33 AMP
303	.16	8.13	595	160.14	80.06	147.50	85.02	152.23	201.10	75.47	274.28 PHASE
304	1.47	9.45	596	3.23	1.75	2.13	1.32	2.36	.33	.23	.01 AMP
305	2.71	10.52	595	180.07	75.74	139.46	74.66	139.60	160.09	13.38	115.00 PHASE
306	4.17	11.95	593	3.97	2.00	2.22	1.47	2.53	.35	.53	.14 AMP
310	-4.92	9.93	590	194.49	79.10	140.23	70.58	145.91	154.01	22.70	93.62 PHASE
311	-3.60	10.48	589	5.24	2.16	2.20	1.84	2.57	.23	.42	.11 AMP
312	-2.21	10.02	589	200.01	76.43	130.01	89.60	156.04	217.20	17.51	220.23 PHASE
313	-.64	12.38	589	6.86	2.17	2.25	2.41	2.89	.44	.40	.30 AMP
314	1.04	14.52	590	203.75	74.15	120.58	100.00	174.97	251.29	3.26	151.47 PHASE
315	1.91	15.47	589	5.52	1.01	1.04	1.58	1.67	.67	.73	1.24 AMP
316	3.25	10.09	592	173.29	359.68	167.30	130.65	205.79	260.23	40.96	257.86 PHASE
318	-4.04	7.90	589	5.67	1.04	1.24	1.64	1.89	.69	.69	1.47 AMP
319	-2.87	8.10	590	178.61	12.97	164.11	125.66	192.21	270.60	45.49	243.35 PHASE
320	-1.56	9.49	589	6.20	1.06	1.16	1.75	1.92	.35	.56	1.03 AMP
321	-.21	10.00	590	105.90	20.03	172.23	110.95	190.10	290.40	47.60	241.36 PHASE
322	1.06	12.38	589	7.10	.82	1.55	1.81	2.02	.42	.41	.00 AMP
323	1.76	12.62	590	189.39	26.61	160.59	112.50	106.40	207.12	40.00	220.13 PHASE
				8.64	.53	2.46	2.10	2.72	1.10	.24	1.06 AMP
				191.41	57.38	156.38	116.35	105.61	209.50	339.95	210.52 PHASE
				9.48	.53	2.79	2.19	3.01	1.39	.57	1.00 AMP
				192.09	100.19	153.67	119.71	189.37	217.56	316.72	202.99 PHASE
				11.04	.05	3.31	2.04	3.05	1.70	1.36	.96 AMP
				190.50	151.64	151.06	111.44	185.82	229.55	316.59	204.78 PHASE
				3.52	.74	1.02	1.16	1.90	.41	.54	.40 AMP
				167.92	53.97	149.12	112.41	173.27	240.73	60.60	260.14 PHASE
				3.95	.97	1.93	1.25	2.14	.43	.39	.36 AMP
				181.87	73.47	165.50	123.94	197.14	250.06	104.90	310.44 PHASE
				4.45	1.10	1.05	1.57	2.15	.40	.41	.00 AMP
				187.20	65.07	149.95	99.34	170.48	196.72	41.06	63.50 PHASE
				5.36	1.33	1.00	1.69	2.17	.30	.60	.10 AMP
				196.52	70.70	153.66	105.64	180.60	201.29	62.57	146.06 PHASE
				6.56	1.37	1.99	1.05	2.33	.42	.49	.17 AMP
				197.39	57.20	129.39	85.49	163.95	105.10	49.04	140.78 PHASE
				7.25	1.49	1.90	1.90	2.40	.39	.25	.05 AMP
				200.73	57.07	127.42	92.02	174.09	203.97	30.99	157.86 PHASE

TABLE VII.- Continued

(f)  $\mu = 0.40$ ;  $M_T = 0.65$ 

PT.	A1	B1	THETA	CL/SIGMA	CO/SIGMA	CU/SIGMA
324	-1.1	5.1	0.0	.03263	.00160	.00139
325	-1.3	6.7	2.0	.04253	.00136	.00183
326	-1.7	8.0	4.0	.05339	.00108	.00220
327	-2.3	9.1	6.0	.06296	.00062	.00276
328	-2.3	10.0	7.9	.07393	.00072	.00327
329	-3.0	11.4	10.1	.08395	-.00028	.00447
330	-1.0	5.3	2.0	.02153	-.00000	.00231
331	-1.3	6.4	4.0	.03351	-.00128	.00280
332	-1.7	8.0	6.0	.04272	-.00245	.00345
334	-1.9	8.9	7.9	.05429	-.00354	.00399
335	-2.4	10.1	9.9	.06390	-.00484	.00464
336	-2.8	10.7	10.9	.06934	-.00573	.00528
371	-.9	6.8	6.0	.02185	-.00210	.00301
372	-1.4	7.7	8.0	.03353	-.00416	.00395
373	-2.1	9.1	10.0	.04323	-.00618	.00492
374	-2.6	10.0	11.9	.05388	-.00854	.00598
375	-2.9	11.3	14.1	.06445	-.01051	.00734
376	-.6	7.0	8.0	.01246	-.00058	.00259
377	-1.4	7.8	10.0	.02307	-.00360	.00393
378	-1.6	9.2	12.0	.03455	-.00707	.00528
379	-2.2	9.9	14.0	.04531	-.01021	.00674
380	-2.9	11.3	16.0	.05520	-.01369	.00833

TABLE VII.- Continued

(f) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO 14											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
324	47.17	21.97	618	7.29 144.78	6.47 313.26	3.89 18.18	2.53 335.56	6.29 95.84	1.39 341.88	3.83 232.99	3.75 77.28 AMP PHASE
325	48.38	23.85	618	8.31 143.95	7.21 314.24	4.87 21.91	2.61 332.39	6.92 96.68	1.21 357.83	3.31 227.64	4.85 66.65 AMP PHASE
326	49.61	23.45	618	8.94 142.17	7.66 318.61	5.77 24.69	3.84 336.47	6.72 182.69	1.83 357.89	2.67 237.92	3.58 77.44 AMP PHASE
327	50.59	23.33	618	9.31 133.64	8.11 308.63	6.26 7.21	3.17 387.98	6.65 76.88	1.11 351.98	2.22 199.58	3.89 38.73 AMP PHASE
328	51.36	24.35	619	9.73 131.48	8.95 319.44	6.67 7.06	3.91 384.21	6.78 95.68	.98 3.97	1.86 281.58	2.38 58.29 AMP PHASE
329	52.39	24.11	618	10.17 121.73	9.75 319.98	7.88 352.21	4.64 285.58	6.43 98.71	1.88 5.61	1.96 174.41	.85 347.95 AMP PHASE
330	47.57	21.82	619	6.58 148.44	5.74 314.93	3.29 348.47	1.38 346.81	7.25 69.53	1.92 336.27	2.36 241.43	1.75 55.55 AMP PHASE
331	48.93	21.51	619	7.05 145.92	6.38 316.25	4.46 2.78	1.87 348.81	6.86 73.17	1.78 341.41	2.38 245.18	1.91 42.11 AMP PHASE
332	50.87	21.55	619	7.77 142.82	6.87 315.51	5.75 4.89	2.63 332.54	6.88 71.41	1.52 338.43	2.84 236.58	1.64 48.84 AMP PHASE
334	51.19	21.35	619	8.19 139.17	7.27 316.56	6.41 8.82	3.81 331.47	7.34 75.78	1.63 346.11	1.98 245.15	1.35 21.65 AMP PHASE
335	52.31	22.78	620	8.93 138.32	7.64 311.32	7.03 357.81	3.69 318.41	7.82 61.22	1.67 332.94	1.63 234.27	1.63 344.79 AMP PHASE
336	52.83	23.74	619	9.21 127.47	7.63 312.37	7.17 356.67	3.89 318.67	7.75 62.37	1.63 338.48	1.48 233.68	1.45 336.58 AMP PHASE
371	48.74	19.88	621	6.28 146.52	5.47 305.34	4.03 337.44	1.68 348.48	6.58 38.88	1.23 327.35	1.77 288.25	1.34 358.88 AMP PHASE
372	50.82	18.84	620	6.55 142.82	5.79 308.48	5.03 358.18	2.48 333.27	6.83 48.88	1.24 324.88	1.46 225.19	.96 23.78 AMP PHASE
373	51.29	18.98	620	7.88 138.89	6.23 316.15	5.65 2.16	2.88 348.11	6.99 54.73	1.28 342.83	1.56 239.57	1.81 16.99 AMP PHASE
374	52.49	19.85	619	7.82 132.31	6.45 321.31	5.99 7.97	3.52 348.89	7.38 65.81	.95 352.62	1.38 248.84	1.27 5.24 AMP PHASE
375	53.72	22.63	619	8.87 121.83	6.82 317.88	6.31 355.33	4.58 319.89	7.49 56.28	.78 387.81	1.89 228.89	1.14 326.88 AMP PHASE
376	48.79	16.22	620	5.35 151.98	5.05 387.47	3.92 331.58	1.23 4.15	4.38 53.14	.58 1.74	.81 214.11	.99 356.82 AMP PHASE
377	50.86	15.68	620	5.53 145.61	5.22 311.36	4.41 347.85	1.93 353.21	4.65 54.83	.55 353.14	.73 234.29	.73 38.33 AMP PHASE
378	51.51	15.59	620	5.24 133.92	5.55 318.19	4.63 347.61	2.57 336.29	5.38 41.27	.78 346.75	.88 211.68	.67 327.86 AMP PHASE
379	52.86	17.39	620	6.92 121.59	5.71 385.84	4.81 341.48	3.45 318.31	5.94 38.88	.55 328.88	.82 185.38	.45 273.32 AMP PHASE
380	54.25	20.81	619	8.17 113.63	5.52 315.81	4.84 353.69	4.39 327.28	6.58 51.13	.24 12.23	.76 281.27	.76 295.99 AMP PHASE

CHORDWISE 25 PERCENT RADIUS											
RUN NO 14											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	4P	5P	6P	7P	8P	
324	44.52	49.81	618	22.88	8.34	7.46	7.88	5.24	3.84	2.46	2.34 AMP
				278.24	116.36	258.49	66.83	31.41	127.78	55.13	138.68 PHASE
325	43.59	49.14	618	28.75	13.84	18.82	7.25	6.35	6.83	2.35	2.82 AMP
				291.77	123.76	255.57	73.25	349.73	326.66	82.83	138.56 PHASE
326	42.64	78.32	618	37.58	17.87	12.66	18.53	9.48	7.47	3.88	3.11 AMP
				311.14	128.83	251.18	58.89	355.42	67.81	111.21	153.71 PHASE
327	42.22	85.32	618	45.69	22.54	17.35	12.25	18.21	7.81	5.69	3.62 AMP
				328.82	127.41	232.96	38.78	339.45	98.36	87.84	118.33 PHASE
328	41.82	189.47	619	57.75	27.87	23.28	13.72	18.84	14.32	7.65	4.89 AMP
				338.28	135.17	242.23	49.71	351.74	163.95	126.71	138.81 PHASE
329	42.16	133.88	618	78.43	29.84	31.34	11.51	18.18	22.11	8.64	4.17 AMP
				346.14	139.89	241.81	14.63	318.47	191.26	134.18	183.58 PHASE
330	44.92	39.77	619	15.25	6.84	5.65	7.68	3.41	5.48	2.36	.91 AMP
				268.48	123.61	249.25	62.14	14.93	328.69	16.48	121.77 PHASE
331	45.18	51.86	619	19.88	9.52	8.82	18.36	11.93	13.66	2.66	1.83 AMP
				294.87	127.93	242.76	61.87	345.51	352.58	19.16	134.32 PHASE
332	45.74	61.17	619	28.25	14.54	13.55	14.88	14.79	18.88	3.98	1.26 AMP
				314.56	138.77	227.27	46.92	337.92	38.41	29.34	126.68 PHASE
334	45.93	76.85	619	39.15	19.37	21.68	18.83	12.58	4.31	3.88	2.83 AMP
				334.47	139.58	231.41	48.95	336.57	36.88	54.91	128.16 PHASE
335	46.15	95.92	620	49.88	23.86	29.33	28.68	18.65	2.63	3.55	2.33 AMP
				339.78	137.79	226.91	37.17	321.17	29.82	51.89	188.89 PHASE
336	45.96	182.38	619	54.65	25.21	33.55	21.49	18.49	3.85	3.75	2.53 AMP
				342.37	139.18	228.58	36.79	321.63	28.22	57.93	181.15 PHASE
371	48.98	42.68	621	13.89	6.29	8.83	8.69	5.51	17.18	2.29	.83 AMP
				287.16	145.32	211.58	48.46	285.31	297.82	316.57	78.98 PHASE
372	50.99	48.98	620	21.89	18.95	14.93	11.93	6.17	8.81	3.88	.99 AMP
				323.56	149.88	285.99	37.11	293.34	341.15	353.32	79.73 PHASE
373	52.66	69.78	620	31.36	14.78	22.33	14.97	4.68	3.28	2.68	1.53 AMP
				342.59	152.28	221.49	48.35	294.46	298.39	24.68	91.68 PHASE
374	54.88	183.59	619	43.92	18.82	31.26	18.31	4.39	4.88	2.69	1.98 AMP
				354.21	155.93	234.38	52.66	278.29	294.83	46.62	111.81 PHASE
375	55.84	126.91	619	61.14	21.84	41.94	22.86	6.14	5.28	4.47	2.67 AMP
				356.95	153.98	229.47	37.87	243.79	326.39	31.66	91.39 PHASE
376	46.85	35.32	620	8.73	3.33	6.95	7.27	2.38	12.97	1.39	.58 AMP
				264.31	196.16	195.87	57.81	187.38	329.11	335.24	66.28 PHASE
377	49.99	48.84	620	13.56	6.78	12.38	9.18	3.67	18.78	2.28	.54 AMP
				317.68	171.72	288.65	47.99	273.89	17.44	359.85	57.99 PHASE
378	52.47	66.87	620	26.83	18.83	28.96	13.83	4.38	2.66	1.28	1.03 AMP
				348.67	161.68	285.96	48.18	235.94	289.77	359.53	57.53 PHASE
379	55.15	99.42	620	41.69	14.31	38.58	16.19	6.58	8.28	1.84	1.13 AMP
				358.92	168.52	289.59	25.85	198.37	248.13	357.96	44.79 PHASE
380	57.68	123.51	619	59.94	17.25	39.89	17.48	11.78	9.89	3.24	1.73 AMP
				5.91	178.89	228.62	33.23	199.47	275.65	24.62	84.91 PHASE

TABLE VII.- Continued

(f) Continued

TORSION 28 PERCENT RADIUS											
RUN NO 14											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
324	10.21	12.52	618	7.64	1.61	1.88	2.88	1.97	.63	.65	.78 AMP
				334.33	138.55	18.72	388.31	18.51	83.66	278.36	71.42 PHASE
325	8.38	13.28	618	7.81	1.37	1.23	2.11	1.86	.78	.98	.79 AMP
				341.12	145.18	18.39	298.15	6.28	93.11	278.79	78.96 PHASE
326	6.38	13.45	618	8.32	1.33	1.16	2.25	2.83	.52	.72	.67 AMP
				358.82	148.94	19.57	292.89	15.81	118.59	286.86	81.84 PHASE
327	4.23	13.96	618	9.24	1.81	1.27	2.38	2.15	.49	.45	.84 AMP
				351.45	131.85	357.24	276.32	352.95	46.45	264.82	46.74 PHASE
328	1.76	16.77	619	11.29	8.97	2.28	2.88	3.19	1.53	.26	1.84 AMP
				359.55	88.55	359.47	382.33	22.69	58.49	132.84	86.85 PHASE
329	-1.21	28.64	618	13.95	1.88	3.85	2.36	3.44	2.23	1.57	.98 AMP
				3.21	51.81	359.58	388.18	28.89	75.61	148.17	121.29 PHASE
330	9.64	9.76	619	6.82	.78	1.76	1.83	1.99	.44	.66	.18 AMP
				326.92	126.21	335.88	277.88	338.43	61.85	275.75	97.19 PHASE
331	7.77	9.28	619	6.24	.39	1.55	1.59	1.79	.53	.88	.82 AMP
				337.66	148.52	342.88	277.44	353.28	76.19	288.13	184.69 PHASE
332	6.85	9.71	619	6.63	.26	1.43	1.95	2.88	.34	.73	.15 AMP
				344.84	284.64	338.83	278.91	357.71	69.63	287.36	226.55 PHASE
334	4.89	11.48	619	7.58	.42	1.33	2.15	2.85	.39	.83	.13 AMP
				355.33	191.84	337.28	278.83	6.25	47.59	288.36	262.63 PHASE
335	2.19	12.23	628	8.56	.54	1.27	2.53	2.31	.46	.86	.16 AMP
				.25	178.91	313.83	264.46	355.96	45.72	261.18	284.24 PHASE
336	1.25	13.12	619	9.19	.64	1.21	2.67	2.59	.54	.77	.25 AMP
				3.86	173.35	318.77	265.87	359.79	45.93	262.74	257.29 PHASE
371	7.65	7.88	621	5.89	.47	.97	1.24	1.89	.38	.88	.24 AMP
				327.77	278.28	328.76	257.88	388.69	35.65	246.38	94.33 PHASE
372	5.79	8.28	628	5.73	.78	1.78	1.56	2.89	.21	.59	.27 AMP
				348.89	269.27	324.59	255.41	316.58	355.95	268.94	132.33 PHASE
373	3.92	9.15	628	6.46	.88	1.67	1.88	1.99	.89	.85	.16 AMP
				352.29	269.75	323.35	278.57	333.38	34.19	267.21	92.67 PHASE
374	2.85	18.96	619	7.56	.86	1.66	2.37	2.12	.18	.87	.16 AMP
				1.68	253.51	313.45	288.87	358.11	185.88	273.34	68.82 PHASE
375	-.86	13.13	619	9.83	.98	1.88	3.87	2.74	.39	.56	.85 AMP
				5.88	226.84	289.21	278.38	348.65	65.68	268.51	298.39 PHASE
376	6.95	7.18	628	3.62	1.24	2.23	.87	1.58	.42	.37	.13 AMP
				322.96	281.56	328.16	279.11	332.99	69.85	267.15	184.89 PHASE
377	5.18	7.36	628	4.24	1.39	1.95	1.88	1.73	.24	.36	.23 AMP
				339.18	278.63	324.24	274.26	338.21	49.95	315.71	117.39 PHASE
378	3.24	7.61	628	5.24	1.47	1.92	1.51	1.73	.27	.46	.11 AMP
				358.88	271.85	386.79	262.73	326.78	7.42	237.74	357.46 PHASE
379	1.37	8.91	628	6.52	1.48	2.81	2.17	1.92	.13	.43	.88 AMP
				357.25	253.28	286.15	256.86	316.37	46.58	289.22	17.65 PHASE
388	-.56	18.98	619	7.98	1.58	2.12	2.66	2.18	.28	.42	.14 AMP
				7.78	248.13	275.53	271.12	338.78	181.28	237.47	354.49 PHASE

TABLE VII.- Continued

(f) Continued

## FLAPWISE 37 PERCENT RADIUS

PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
324	32.00	21.81	618	11.58	7.58	5.26	2.32	3.18	.38	.37	1.20	AMP
325	32.95	24.09	618	138.34	317.16	16.93	322.18	185.81	352.76	303.08	247.07	PHASE
326	33.83	25.56	618	138.75	316.39	19.19	322.14	183.39	348.59	308.98	239.72	PHASE
327	34.61	26.92	618	139.63	318.15	21.68	327.71	118.49	1.83	303.40	249.63	PHASE
328	35.12	28.98	619	14.82	10.64	8.34	2.79	2.98	.28	.51	1.06	AMP
329	36.04	30.68	618	133.93	306.41	4.99	301.11	81.04	338.70	273.50	215.24	PHASE
330	33.09	18.95	619	15.95	12.22	8.71	3.15	2.94	.08	.71	1.03	AMP
331	34.25	20.53	619	136.10	313.56	7.66	297.31	104.34	211.45	279.09	234.97	PHASE
332	35.27	22.38	619	16.71	13.62	9.24	3.46	2.75	.26	.83	.50	AMP
333	36.12	24.07	619	131.86	312.07	358.56	279.75	97.92	193.45	268.21	205.36	PHASE
334	37.03	27.34	620	9.35	6.56	3.68	1.46	4.12	.60	.36	.73	AMP
335	37.83	27.34	620	135.13	322.50	3.85	316.18	72.84	337.99	262.19	216.89	PHASE
336	37.44	28.11	619	10.49	7.57	5.37	1.79	3.91	.76	.40	.75	AMP
337	38.07	20.26	620	136.04	320.35	12.65	323.82	75.52	324.83	266.80	205.35	PHASE
338	38.87	20.26	620	11.61	8.46	7.14	2.37	3.78	.78	.38	.64	AMP
339	39.67	25.80	619	135.25	316.61	12.38	323.78	73.07	322.78	287.90	210.04	PHASE
340	40.10	23.02	619	13.00	9.43	8.31	2.41	3.88	.51	.36	.66	AMP
341	40.10	23.02	619	136.28	315.37	16.86	323.38	77.98	323.31	265.80	188.72	PHASE
342	40.10	23.02	619	14.33	10.36	9.59	2.68	4.19	.45	.72	.45	AMP
343	40.10	23.02	619	131.67	307.78	7.34	308.20	61.02	313.70	242.70	156.42	PHASE
344	40.10	23.02	619	14.90	10.59	10.11	2.73	4.15	.38	.45	.68	AMP
345	40.10	23.02	619	131.19	303.17	7.42	310.86	61.86	311.98	241.90	150.83	PHASE
346	40.10	23.02	619	8.78	6.26	4.32	1.53	3.86	.59	.22	.49	AMP
347	40.10	23.02	619	131.77	314.27	349.47	320.16	40.11	293.92	275.91	160.67	PHASE
348	40.10	23.02	619	9.86	7.09	6.14	1.98	3.78	.36	.22	.43	AMP
349	40.10	23.02	619	132.08	312.99	359.06	322.57	42.84	292.22	257.37	176.00	PHASE
350	40.10	23.02	619	11.15	7.91	7.58	2.25	4.01	.31	.21	.48	AMP
351	40.10	23.02	619	135.21	318.39	12.87	305.44	55.59	275.42	203.68	185.55	PHASE
352	40.10	23.02	619	12.52	8.67	8.58	2.45	4.38	.30	.38	.58	AMP
353	40.10	23.02	619	136.75	320.98	20.64	341.73	65.55	259.48	273.75	189.36	PHASE
354	40.10	23.02	619	14.20	9.78	9.75	2.79	4.21	.55	.60	.60	AMP
355	40.10	23.02	619	132.50	313.76	11.63	326.99	55.13	200.23	257.76	158.92	PHASE
356	40.10	23.02	619	7.10	5.46	3.73	1.03	2.55	.35	.16	.40	AMP
357	40.10	23.02	619	133.38	320.29	341.38	335.47	54.33	262.78	262.64	174.17	PHASE
358	40.10	23.02	619	8.15	6.10	5.12	1.45	2.56	.25	.24	.26	AMP
359	40.10	23.02	619	134.70	319.49	357.96	338.64	59.17	270.50	209.66	194.55	PHASE
360	40.10	23.02	619	9.61	7.08	6.18	1.96	3.80	.29	.19	.24	AMP
361	40.10	23.02	619	131.86	313.55	1.52	335.88	42.17	209.26	228.73	142.84	PHASE
362	40.10	23.02	619	10.92	7.90	7.26	2.36	3.60	.26	.32	.22	AMP
363	40.10	23.02	619	129.72	305.09	359.61	326.48	29.42	171.08	246.66	121.40	PHASE
364	40.10	23.02	619	12.42	8.49	8.36	2.72	4.00	.55	.48	.31	AMP
365	40.10	23.02	619	131.44	312.68	15.43	336.07	51.60	174.85	280.27	151.75	PHASE

## CHORDWISE 37 PERCENT RADIUS

PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
324	21.96	47.24	618	19.15	6.51	6.07	10.53	6.94	3.91	4.35	3.68	AMP
325	20.72	48.11	618	273.24	116.46	275.88	57.88	38.33	139.41	53.03	182.07	PHASE
326	19.40	70.41	618	24.59	10.36	8.91	11.44	6.94	11.55	4.51	4.77	AMP
327	18.16	77.01	618	291.94	122.86	273.38	61.83	359.86	315.12	69.20	168.27	PHASE
328	16.91	99.99	619	31.91	14.35	10.75	16.04	10.36	10.78	5.94	5.03	AMP
329	15.92	132.46	618	308.63	127.82	276.77	57.97	.02	53.22	96.28	186.43	PHASE
330	15.92	132.46	618	38.65	18.49	14.40	17.88	11.54	9.52	8.77	4.88	AMP
331	21.22	53.69	619	315.91	127.23	259.92	40.20	331.47	95.66	8.77	130.70	PHASE
332	21.39	60.99	619	48.13	22.23	19.74	19.14	12.53	28.79	11.52	6.77	AMP
333	21.50	36.67	619	332.43	137.00	266.34	40.65	342.64	171.97	133.01	139.93	PHASE
334	20.79	70.17	619	57.41	26.36	27.22	17.20	16.22	34.91	13.97	6.92	AMP
335	19.96	89.99	620	340.25	144.74	262.68	17.97	314.67	196.02	142.60	105.59	PHASE
336	19.27	94.60	619	12.44	4.61	4.22	10.26	5.11	8.69	4.66	1.71	AMP
337	22.97	52.47	621	266.02	128.17	268.42	54.18	22.81	315.26	11.26	116.34	PHASE
338	23.90	47.58	620	16.88	7.54	6.44	13.60	13.60	21.24	5.37	2.08	AMP
339	24.49	110.46	619	293.00	130.82	262.48	53.64	347.94	346.00	20.36	140.02	PHASE
340	24.72	93.86	619	23.33	11.43	9.50	19.47	16.55	15.61	7.54	1.90	AMP
341	24.72	93.86	619	309.94	131.84	248.75	44.70	339.38	22.60	22.77	145.72	PHASE
342	24.72	93.86	619	31.87	15.30	15.52	23.88	14.20	6.74	5.49	3.10	AMP
343	24.72	93.86	619	327.63	140.35	251.49	47.88	340.03	21.90	54.78	137.76	PHASE
344	24.72	93.86	619	40.56	19.10	21.68	27.97	12.62	3.42	5.50	3.26	AMP
345	24.72	93.86	619	332.47	140.05	247.22	36.54	324.07	6.37	59.56	107.65	PHASE
346	24.72	93.86	619	44.47	20.35	25.13	29.49	12.60	5.17	5.45	3.79	AMP
347	24.72	93.86	619	334.97	141.66	248.11	36.49	325.39	15.22	71.18	105.67	PHASE
348	24.72	93.86	619	10.94	5.11	4.85	11.45	5.66	27.05	5.23	2.22	AMP
349	24.72	93.86	619	287.21	150.69	227.93	41.61	292.58	292.63	321.79	100.63	PHASE
350	24.72	93.86	619	16.95	8.63	9.16	15.74	5.25	13.19	5.00	1.75	AMP
351	24.72	93.86	619	319.31	147.07	222.56	34.97	302.16	335.29	352.47	109.73	PHASE
352	24.72	93.86	619	24.57	11.69	15.20	20.16	4.24	5.86	3.92	3.15	AMP
353	24.72	93.86	619	335.60	157.88	236.25	47.04	306.76	294.63	20.11	117.95	PHASE
354	24.72	93.86	619	33.93	14.33	22.49	25.03	2.96	8.36	2.00	3.86	AMP
355	24.72	93.86	619	345.71	160.15	248.34	51.89	277.64	267.45	49.81	132.53	PHASE
356	24.72	93.86	619	46.86	18.31	31.09	30.74	4.46	7.56	4.13	4.51	AMP
357	24.72	93.86	619	348.09	156.84	244.16	37.36	241.90	314.85	20.06	105.35	PHASE
358	24.72	93.86	619	6.97	3.77	3.77	3.22	2.17	20.05	3.09	1.36	AMP
359	24.72	93.86	619	265.77	219.77	194.31	49.11	179.08	304.69	325.67	110.53	PHASE
360	24.72	93.86	619	10.39	5.22	7.27	12.23	3.44	16.85	5.01	1.25	AMP
361	24.72	93.86	619	313.63	193.44	209.57	45.82	274.74	11.05	353.81	105.90	PHASE
362	24.72	93.86	619	19.94	3.73	13.55	18.14	4.40	4.22	1.93	2.14	AMP
363	24.72	93.86	619	341.72	177.40	216.90	38.26	233.56	260.24	9.52	80.39	PHASE
364	24.72	93.86	619	30.25	12.50	21.25	27.06	6.30	12.95	1.32	2.50	AMP
365	24.72	93.86	619	350.06	169.98	222.40	26.03	101.14	233.56	354.72	61.12	PHASE
366	24.72	93.86	619	43.12	15.66	20.87	24.72	11.91	14.19	2.94	3.25	AMP
367	24.72	93.86	619	357.95	176.54	241.40	36.11	107.51	267.16	352.66	94.12	PHASE



TABLE VII.- Continued

(f) Continued

TORSION 36 PERCENT RADIUS											
RUN NO 14											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
324	9.84	12.87	618	8.41	2.88	.42	1.73	1.76	.54	.38	.44 AMP
				328.59	119.23	356.93	266.86	326.48	46.89	249.85	28.13 PHASE
325	7.14	12.74	618	8.76	1.92	.58	1.76	1.73	.66	.63	.54 AMP
				334.38	128.94	356.76	264.23	322.53	54.89	235.27	18.99 PHASE
326	5.16	13.32	618	9.42	1.94	.35	1.92	1.83	.47	.49	.46 AMP
				341.96	122.54	24.27	259.85	331.75	83.32	253.77	28.41 PHASE
327	3.11	13.63	618	18.36	1.77	.31	1.99	1.89	.39	.31	.61 AMP
				342.19	183.86	359.66	245.29	389.74	12.14	247.11	353.31 PHASE
328	.74	15.87	619	12.31	1.83	.94	2.31	2.66	1.21	.27	.77 AMP
				349.18	83.96	341.53	275.29	342.41	14.91	41.15	38.72 PHASE
329	-2.85	17.82	618	14.74	2.51	1.58	1.98	2.77	1.78	1.16	.61 AMP
				351.85	55.55	347.94	279.83	358.88	29.64	98.32	65.68 PHASE
330	8.89	9.86	619	7.15	1.36	.95	1.69	1.88	.37	.44	.89 AMP
				324.75	182.91	388.32	244.44	295.41	25.35	241.78	51.66 PHASE
331	6.27	9.78	619	7.51	1.86	.68	1.42	1.62	.47	.64	.86 AMP
				332.95	185.42	313.88	244.69	388.77	45.48	249.11	32.43 PHASE
332	4.56	18.62	619	8.11	.88	.48	1.72	1.87	.36	.55	.85 AMP
				338.38	111.31	295.61	238.76	312.73	45.97	248.29	158.34 PHASE
334	2.66	11.67	619	9.83	1.88	.38	1.89	1.87	.31	.58	.84 AMP
				346.69	118.15	268.71	246.53	319.75	38.89	239.18	264.77 PHASE
335	.82	12.98	628	9.98	1.25	.65	2.19	2.85	.36	.88	.12 AMP
				349.92	118.66	222.83	234.88	318.36	28.72	217.26	273.56 PHASE
336	-.88	13.84	619	18.56	1.38	.69	2.32	2.26	.41	.52	.18 AMP
				352.42	112.32	215.89	235.89	315.82	27.11	219.19	232.41 PHASE
371	5.99	7.74	621	6.53	.31	.98	1.24	1.72	.25	.88	.17 AMP
				326.68	81.35	298.47	225.28	265.84	.48	288.55	32.72 PHASE
372	4.16	8.87	628	7.25	.17	.74	1.45	1.85	.15	.49	.17 AMP
				335.37	122.44	287.89	225.43	271.69	337.89	231.84	73.19 PHASE
373	2.36	9.94	628	8.82	.27	.79	1.78	1.84	.13	.66	.88 AMP
				345.86	157.47	278.26	239.68	288.64	68.26	228.88	24.33 PHASE
374	.87	11.32	619	9.82	.68	1.88	2.15	1.92	.23	.67	.14 AMP
				352.35	159.82	254.13	249.86	385.98	82.88	238.32	345.36 PHASE
375	-1.46	13.71	619	18.42	.94	1.37	2.72	2.41	.39	.46	.86 AMP
				354.59	158.97	231.85	239.25	384.34	38.89	228.86	296.31 PHASE
376	5.35	6.37	628	5.27	.34	1.24	.94	1.42	.35	.31	.11 AMP
				327.28	283.96	289.88	246.68	298.21	22.81	233.15	27.83 PHASE
377	3.65	6.77	628	5.98	.48	.99	1.87	1.56	.28	.35	.15 AMP
				337.83	263.38	288.91	243.94	294.74	4.31	271.89	52.32 PHASE
378	1.82	8.69	628	6.99	.54	1.85	1.45	1.56	.21	.38	.18 AMP
				343.57	244.84	265.47	231.11	282.73	324.78	193.66	381.25 PHASE
379	-.81	9.93	628	8.15	.67	1.38	1.99	1.73	.14	.35	.85 AMP
				347.31	213.26	238.21	222.93	271.68	25.88	178.94	294.87 PHASE
380	-1.91	12.33	619	9.48	1.84	1.71	2.36	1.97	.28	.35	.12 AMP
				356.33	193.97	228.24	238.84	294.73	55.78	282.87	381.86 PHASE

TABLE VII.- Continued

(f) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO 14											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
324	19.96	26.92	618	14.47	9.11	6.57	1.89	2.59	1.13	2.36	3.96
325	28.81	29.88	618	128.95	316.83	18.61	323.77	268.67	169.89	44.88	251.81
326	21.65	31.73	618	16.19	18.55	7.79	1.26	2.58	1.11	2.78	4.88
327	22.29	32.98	618	132.58	315.81	17.89	329.19	262.34	173.93	41.76	242.41
328	22.52	35.89	619	17.69	11.82	9.14	1.39	2.64	.81	2.19	3.73
329	23.82	37.29	618	133.28	316.88	17.33	334.23	266.27	167.13	58.28	252.81
330	21.43	21.89	619	18.84	13.31	18.37	1.59	2.72	.64	1.85	3.19
331	22.38	23.83	619	128.72	385.36	1.88	318.48	248.38	144.12	7.67	215.81
332	23.29	25.75	619	28.13	15.51	11.82	1.69	3.88	.53	1.68	2.28
333	23.95	29.65	619	132.48	311.31	5.55	382.91	255.58	177.56	4.36	236.68
334	24.79	33.17	628	28.99	17.66	11.78	1.72	3.86	.59	1.91	.98
335	25.15	35.81	619	129.78	389.15	358.92	298.33	251.26	163.99	341.26	162.93
336	25.22	15.61	628	11.88	8.19	4.59	1.19	2.11	1.22	1.87	1.57
337	26.83	16.92	628	124.17	323.16	359.36	318.84	242.68	138.34	52.28	229.89
338	27.82	21.98	628	13.21	9.55	6.61	1.58	2.18	1.13	1.77	1.69
339	27.75	25.17	628	126.48	318.56	9.57	328.71	243.31	149.78	55.48	216.52
340	28.79	29.16	619	14.72	18.72	8.77	1.69	2.38	.88	1.54	1.55
341	28.39	31.34	619	126.91	314.93	18.81	321.77	248.89	134.97	46.39	222.87
342	28.79	29.16	619	16.62	12.19	18.48	1.76	2.48	.98	1.47	1.31
343	28.79	29.16	619	129.74	314.85	15.63	328.91	242.57	146.61	54.11	197.33
344	28.79	29.16	619	18.31	13.52	12.13	1.82	2.47	.85	1.18	1.65
345	28.79	29.16	619	126.73	385.73	8.38	311.18	228.45	126.38	46.98	161.88
346	28.79	29.16	619	19.85	13.89	12.84	1.74	2.54	.93	.93	1.54
347	28.79	29.16	619	127.84	385.78	8.82	311.65	227.62	127.53	52.46	151.79
348	28.79	29.16	619	11.85	7.87	5.48	1.29	1.44	.63	1.55	1.16
349	28.79	29.16	619	121.11	313.15	346.49	287.58	221.67	133.49	19.99	174.25
350	28.79	29.16	619	12.68	8.98	7.71	1.26	1.67	.68	1.89	.81
351	28.79	29.16	619	123.99	311.84	355.72	292.83	219.95	128.74	35.59	285.82
352	28.79	29.16	619	14.26	18.81	9.43	1.23	1.72	.63	1.24	.95
353	28.79	29.16	619	128.59	314.32	18.97	386.48	237.24	154.28	51.16	192.85
354	28.79	29.16	619	16.13	11.13	11.85	1.84	1.78	1.22	1.88	1.23
355	28.79	29.16	619	131.47	315.97	28.13	318.37	247.72	161.34	63.86	179.64
356	28.79	29.16	619	18.39	12.66	12.99	.81	1.92	.66	.75	1.22
357	28.79	29.16	619	128.59	388.61	13.35	384.32	232.82	136.15	33.51	145.52
358	28.79	29.16	619	8.95	6.98	4.49	1.27	1.85	.51	.68	.98
359	28.79	29.16	619	122.11	318.23	337.98	285.49	235.66	162.71	31.17	165.64
360	28.79	29.16	619	18.52	7.65	6.29	1.22	1.14	.58	.48	.72
361	28.79	29.16	619	125.77	316.78	354.15	294.74	233.92	166.97	44.93	285.87
362	28.79	29.16	619	12.48	9.11	7.71	1.22	1.72	.64	.75	1.22
363	28.79	29.16	619	125.99	389.85	358.57	286.85	232.41	144.85	29.32	148.64
364	28.79	29.16	619	14.29	9.72	9.35	.64	1.28	.46	.73	.53
365	28.79	29.16	619	125.18	388.67	358.74	268.77	226.83	111.31	352.48	88.99
366	28.79	29.16	619	16.38	18.37	11.11	.29	1.38	.43	.64	.85
367	28.79	29.16	619	129.48	386.51	17.85	268.42	243.83	143.52	1.61	118.65

CHORDWISE 51 PERCENT RADIUS											
RUN NO 14											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
324	22.39	52.79	618	18.48	5.56	5.87	12.21	7.49	4.45	5.94	5.13
325	28.92	55.87	618	277.81	128.76	296.38	157.96	36.87	151.29	54.46	197.42
326	19.31	71.74	618	24.82	8.65	8.47	13.97	7.63	15.35	6.53	6.31
327	17.88	82.92	618	292.89	125.55	292.23	61.13	1.18	313.86	68.99	182.77
328	15.96	188.47	619	38.95	11.75	18.48	19.44	11.86	12.59	8.29	15.48
329	14.96	131.85	618	387.11	129.61	297.65	58.68	.41	47.13	94.83	285.58
330	28.51	48.71	619	37.37	15.36	13.95	21.87	11.79	9.58	11.35	5.46
331	28.28	68.98	619	312.25	127.43	279.81	48.46	336.48	97.78	83.79	148.87
332	28.19	77.99	619	45.48	28.88	19.47	23.13	13.34	24.33	14.26	7.44
333	28.19	77.99	619	326.67	136.88	281.89	47.45	335.74	188.88	139.88	151.93
334	28.19	77.99	619	51.88	24.13	27.58	22.11	19.31	42.54	17.32	8.58
335	28.19	77.99	619	334.11	144.13	275.39	17.87	389.84	282.78	151.53	111.23
336	28.19	77.99	619	11.88	4.88	3.88	11.88	5.25	18.67	6.29	2.55
337	28.19	77.99	619	274.78	136.97	291.57	53.18	18.15	313.88	15.86	166.78
338	28.19	77.99	619	16.57	6.42	5.81	16.12	15.83	26.24	7.44	2.98
339	28.19	77.99	619	295.93	136.84	287.93	53.34	348.22	345.89	24.85	161.28
340	28.19	77.99	619	22.78	9.49	7.95	22.95	17.83	18.79	18.24	2.21
341	28.19	77.99	619	389.82	136.93	274.36	45.68	339.14	21.64	26.69	168.59
342	28.19	77.99	619	38.41	12.85	13.47	28.85	14.97	7.99	7.45	3.86
343	28.19	77.99	619	322.72	143.26	273.75	49.15	338.75	16.44	59.35	152.84
344	28.19	77.99	619	37.96	16.24	19.47	33.15	13.15	3.88	7.48	4.87
345	28.19	77.99	619	326.45	142.37	267.85	37.42	322.88	345.71	64.91	127.26
346	28.19	77.99	619	41.58	17.36	22.82	31.16	13.17	5.73	7.39	4.48
347	28.19	77.99	619	328.73	143.73	267.96	37.41	324.55	2.53	77.25	122.82
348	28.19	77.99	619	18.67	4.68	3.85	13.59	6.38	34.82	7.24	3.14
349	28.19	77.99	619	291.36	178.29	257.17	38.63	298.95	294.86	328.16	119.65
350	28.19	77.99	619	16.58	7.47	7.88	18.88	6.58	16.45	7.62	2.42
351	28.19	77.99	619	315.57	156.27	246.71	35.27	296.98	335.88	358.23	125.26
352	28.19	77.99	619	23.26	18.23	12.23	24.16	.41	.84	4.96	4.69
353	28.19	77.99	619	329.88	164.14	257.41	48.15	297.26	294.18	33.72	133.89
354	28.19	77.99	619	31.26	12.61	18.88	29.95	3.14	11.48	3.32	5.59
355	28.19	77.99	619	338.99	164.63	267.71	54.18	265.85	286.89	53.47	149.36
356	28.19	77.99	619	42.41	16.88	26.69	36.91	5.81	9.68	4.72	5.77
357	28.19	77.99	619	348.86	161.37	261.78	39.59	229.14	389.58	27.31	124.58
358	28.19	77.99	619	6.62	4.45	1.82	18.94	2.64	25.25	3.89	1.76
359	28.19	77.99	619	272.87	231.85	217.82	45.86	192.37	386.33	329.12	127.41
360	28.19	77.99	619	18.28	8.99	4.73	14.95	4.19	21.84	6.66	1.78
361	28.19	77.99	619	311.58	284.75	235.43	45.41	266.62	12.49	356.73	116.58
362	28.19	77.99	619	18.87	8.58	18.19	21.51	5.48	5.64	2.24	3.23
363	28.19	77.99	619	335.61	188.71	237.52	39.17	229.84	279.94	28.73	94.85
364	28.19	77.99	619	26.76	12.87	17.44	26.49	7.86	16.56	1.13	3.45
365	28.19	77.99	619	343.82	178.81	239.88	27.76	178.78	235.28	355.83	78.33
366	28.19	77.99	619	37.66	14.73	24.51	38.82	14.17	18.24	3.58	4.18
367	28.19	77.99	619	381.25	184.34	257.64	39.11	185.89	268.81	348.13	186.41

TABLE VII.- Continued

(f) Continued

TORSION 5% PERCENT RADIUS												
PT NO	RUN NO 14		CHANNEL NO 9		SHUNT VOLTS							
	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
324	4.67	9.66	618	7.88	1.61	.29	1.44	1.46	.56	.36	.15	AMP
325	3.84	18.89	618	336.68	133.68	16.92	292.41	351.34	82.97	325.84	88.79	PHASE
326	1.29	18.62	618	7.31	1.48	.31	1.44	1.45	.63	.49	.24	AMP
327	-5.58	18.98	618	342.47	139.31	15.16	289.26	347.46	91.21	294.78	83.39	PHASE
328	-2.61	12.38	619	7.82	1.45	.22	1.58	1.48	.46	.25	.25	AMP
329	-5.87	14.41	618	349.78	143.68	53.78	285.29	354.33	116.47	313.54	97.75	PHASE
330	4.11	8.38	619	8.58	1.18	.25	1.52	1.54	.36	.48	.39	AMP
331	2.52	8.75	619	349.58	127.87	44.38	271.89	331.37	56.32	384.68	52.96	PHASE
332	1.81	9.56	619	18.18	1.81	.61	1.78	2.16	1.84	.38	.53	AMP
333	-3.73	18.48	619	355.95	99.77	26.21	382.13	6.58	54.32	55.91	84.74	PHASE
334	-7.73	18.48	619	11.96	1.61	.82	1.38	2.28	1.57	.96	.41	AMP
335	-2.44	11.57	628	357.26	58.78	37.38	311.53	17.88	63.17	128.83	125.67	PHASE
336	-3.26	12.12	619	6.28	1.89	.59	1.48	1.54	.39	.32	.89	AMP
337	1.24	6.69	628	334.53	119.38	332.11	273.12	322.22	64.83	299.78	174.27	PHASE
338	-3.71	11.89	619	6.51	.82	.37	1.13	1.38	.44	.58	.18	AMP
339	-2.81	9.82	628	342.31	129.14	341.83	274.25	335.99	91.82	291.28	148.48	PHASE
340	-3.48	12.15	619	7.87	.66	.17	1.31	1.56	.34	.48	.16	AMP
341	2.71	5.88	628	347.86	143.81	325.15	268.68	336.92	87.54	291.94	162.95	PHASE
342	2.71	5.88	628	7.78	.88	.87	1.39	1.68	.26	.44	.85	AMP
343	1.24	6.69	628	354.72	153.37	237.84	275.81	342.88	75.64	284.21	149.69	PHASE
344	-1.51	18.83	619	8.52	.91	.38	1.57	1.88	.37	.44	.88	AMP
345	-3.26	12.12	619	357.24	146.23	192.15	268.18	332.38	64.96	255.18	342.82	PHASE
346	3.24	7.24	621	8.94	.98	.49	1.67	1.96	.42	.41	.85	AMP
347	1.78	8.28	628	359.36	145.55	185.59	268.46	337.66	65.65	255.86	286.56	PHASE
348	.13	8.97	628	5.87	.29	.54	1.84	1.42	.38	.44	.18	AMP
349	-1.51	18.83	619	337.27	118.81	315.27	254.86	294.12	47.38	253.51	74.13	PHASE
350	-3.48	12.15	619	6.46	.26	.35	1.19	1.55	.16	.41	.19	AMP
351	2.71	5.88	628	344.91	176.21	314.52	254.61	298.54	34.61	275.52	188.47	PHASE
352	2.71	5.88	628	7.87	.48	.33	1.34	1.58	.16	.54	.12	AMP
353	1.24	6.69	628	353.97	288.47	277.83	267.56	314.43	84.56	272.83	58.55	PHASE
354	-1.51	18.83	619	7.88	.65	.54	1.64	1.74	.29	.57	.15	AMP
355	-3.48	12.15	619	.52	198.64	249.24	274.17	338.38	182.96	267.14	388.84	PHASE
356	2.71	5.88	628	8.84	.91	.86	2.88	2.18	.47	.42	.87	AMP
357	1.24	6.69	628	1.79	183.63	223.84	262.21	328.38	71.89	246.86	327.76	PHASE
358	-3.71	11.89	619	5.83	.21	.65	.88	1.18	.41	.24	.22	AMP
359	-2.81	9.82	628	339.91	293.49	389.95	272.71	328.27	49.63	284.86	68.51	PHASE
360	-3.71	11.89	619	5.61	.48	.47	.94	1.26	.25	.35	.24	AMP
				347.59	264.39	311.25	272.81	322.51	48.15	319.81	78.57	PHASE
				6.36	.58	.48	1.11	1.34	.25	.31	.19	AMP
				352.56	248.86	274.79	258.39	389.18	7.23	255.47	356.68	PHASE
				7.21	.77	.65	1.48	1.56	.23	.33	.11	AMP
				355.28	223.96	241.67	245.71	298.43	48.62	219.92	387.55	PHASE
				8.12	1.84	.99	1.75	1.79	.43	.39	.16	AMP
				3.81	213.38	227.26	268.28	323.46	68.68	238.81	321.34	PHASE

TABLE VII.- Continued

(f) Continued

FLAPWISE 77 PERCENT RADIUS											
RUN NO 14											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
324	-4.95	34.86	618	28.87	9.88	6.86	3.16	3.97	1.93	2.31	4.86 AMP
				137.62	331.89	339.12	168.86	274.79	18.89	248.21	61.91 PHASE
325	-3.35	35.97	618	22.18	18.83	7.65	3.88	4.43	1.88	2.61	5.16 AMP
				148.46	338.47	345.72	154.63	273.16	14.76	237.99	54.83 PHASE
326	-1.73	38.98	618	23.35	11.14	8.58	3.29	4.48	1.45	2.89	4.77 AMP
				144.67	332.81	358.97	153.57	283.95	12.22	258.76	63.68 PHASE
327	-1.17	41.46	618	24.35	12.14	9.38	3.39	4.55	1.44	1.74	4.18 AMP
				142.18	321.14	336.92	131.52	255.88	318.88	216.27	24.88 PHASE
328	1.12	44.64	619	25.51	14.18	10.21	3.59	5.89	1.93	.98	3.12 AMP
				147.81	326.44	343.27	141.83	276.51	328.52	227.88	48.92 PHASE
329	2.57	46.55	618	26.88	15.96	18.78	2.75	5.88	2.63	.94	1.78 AMP
				149.14	322.81	335.81	138.81	272.65	389.67	184.71	348.67 PHASE
330	-3.49	28.47	619	19.23	8.23	5.18	2.98	6.39	.38	2.19	1.92 AMP
				136.59	334.52	315.34	172.31	241.79	385.62	232.85	44.65 PHASE
331	-1.79	38.39	619	28.88	9.13	6.28	2.71	6.81	.48	1.91	2.35 AMP
				148.86	331.35	328.46	169.74	246.81	358.88	248.82	29.66 PHASE
332	-2.28	34.16	619	21.45	18.84	7.55	3.25	6.14	.28	1.55	2.14 AMP
				141.51	329.79	333.85	168.88	247.29	286.85	226.83	34.84 PHASE
334	1.27	37.38	619	22.78	11.54	8.92	3.17	6.48	.61	1.54	1.91 AMP
				145.57	328.52	348.65	162.61	253.48	383.35	239.52	11.25 PHASE
335	2.84	48.26	628	23.84	12.83	9.93	2.98	7.19	.85	1.89	2.53 AMP
				144.39	319.19	336.17	142.34	238.86	278.67	243.86	335.48 PHASE
336	3.68	41.16	619	24.48	13.32	10.47	2.93	7.32	1.84	.97	2.46 AMP
				145.54	318.95	337.18	142.68	241.44	275.18	251.65	326.88 PHASE
371	-1.16	27.33	621	18.84	7.46	4.97	2.78	6.65	.29	1.82	1.32 AMP
				135.14	338.37	384.78	161.53	218.49	126.88	191.31	358.11 PHASE
372	1.53	38.83	628	28.81	8.33	6.35	3.41	6.63	.29	1.33	1.83 AMP
				138.68	328.71	317.98	152.98	214.18	164.85	197.74	22.14 PHASE
373	3.27	32.73	628	21.12	9.28	7.38	3.63	6.79	.88	1.38	1.15 AMP
				144.12	331.87	338.56	161.88	228.84	323.66	228.84	5.98 PHASE
374	4.89	35.76	619	22.26	18.48	8.32	3.72	7.23	.35	.93	1.63 AMP
				147.34	331.58	351.98	168.64	239.33	348.67	231.71	355.88 PHASE
375	6.57	48.16	619	23.99	12.88	9.74	4.84	7.36	.78	.57	1.67 AMP
				145.99	322.68	348.81	142.84	229.92	321.58	194.89	322.29 PHASE
376	2.84	23.28	628	16.97	6.18	4.62	2.16	4.85	.37	.62	1.23 AMP
				137.63	339.86	298.62	182.75	228.37	56.21	198.78	338.58 PHASE
377	3.49	26.32	628	18.12	6.83	5.38	2.72	5.85	.87	.72	.94 AMP
				148.86	338.55	315.72	173.22	231.36	139.33	289.28	18.41 PHASE
378	5.16	28.68	628	19.53	7.62	5.88	3.42	5.77	.28	.83	1.88 AMP
				141.57	329.87	325.66	155.17	216.84	316.22	195.26	318.83 PHASE
379	6.79	32.82	628	28.93	8.73	6.81	3.89	6.48	.34	.74	.71 AMP
				141.82	321.46	332.12	135.68	282.88	386.31	142.22	267.42 PHASE
388	8.56	36.78	619	22.29	9.84	8.83	4.32	7.86	.72	.65	1.21 AMP
				146.28	326.88	353.95	148.68	224.23	332.84	144.73	293.96 PHASE

CHORDWISE 77 PERCENT RADIUS											
RUN NO 14											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
324	6.59	24.66	618	7.77	3.78	5.93	4.43	2.84	.76	1.24	2.46 AMP
				178.85	336.92	332.78	78.62	322.43	182.59	286.72	97.21 PHASE
325	7.49	32.74	618	6.68	3.78	7.83	5.57	4.68	7.31	1.29	2.89 AMP
				188.96	339.49	334.64	76.57	384.36	312.67	58.28	93.12 PHASE
326	8.42	29.52	618	5.47	3.97	8.53	7.68	6.98	5.95	2.29	1.92 AMP
				196.64	347.86	339.84	71.29	316.22	25.58	85.77	184.66 PHASE
327	8.93	37.38	618	4.31	5.87	5.17	9.18	5.84	2.88	3.86	2.21 AMP
				214.85	335.65	322.92	51.71	288.88	74.34	84.29	61.98 PHASE
328	9.46	41.52	619	3.93	4.82	12.21	9.71	7.77	8.54	5.71	2.24 AMP
				257.84	348.73	325.88	59.21	295.96	187.51	142.99	189.28 PHASE
329	18.79	51.75	618	4.22	4.52	14.58	8.64	11.82	16.58	7.68	2.36 AMP
				282.98	324.12	312.79	28.73	286.36	286.63	158.14	92.88 PHASE
338	5.54	22.89	619	7.53	3.33	4.46	3.78	3.79	4.75	1.77	1.36 AMP
				161.16	335.88	319.82	68.92	263.86	383.17	348.33	91.53 PHASE
331	6.66	31.88	619	6.23	3.57	5.88	5.57	6.68	18.81	2.37	1.35 AMP
				178.17	336.98	327.86	62.71	299.44	337.31	3.19	71.53 PHASE
332	7.98	35.64	619	4.89	3.56	7.21	8.17	7.96	7.41	3.44	1.89 AMP
				178.62	339.44	327.63	54.24	296.83	9.44	15.11	61.25 PHASE
334	9.24	31.78	619	3.22	3.79	9.27	18.33	7.66	3.41	2.27	.93 AMP
				198.27	336.76	328.26	55.99	298.58	351.25	51.72	82.17 PHASE
335	18.37	35.58	628	2.32	3.83	11.59	12.84	7.62	2.21	2.44	.67 AMP
				232.86	321.38	318.87	42.67	267.68	297.74	59.84	25.45 PHASE
336	18.68	39.95	619	2.43	4.82	12.72	13.71	7.74	2.67	2.47	.57 AMP
				251.89	328.55	317.49	42.48	269.34	318.35	73.83	22.33 PHASE
371	9.86	34.86	621	6.73	3.83	4.48	4.38	6.86	13.82	2.41	1.11 AMP
				155.26	317.44	387.29	47.95	232.79	285.41	382.84	65.57 PHASE
372	9.58	28.44	628	4.95	3.81	5.93	6.54	6.87	6.62	2.44	1.22 AMP
				168.86	322.86	318.98	46.81	234.33	323.13	346.15	91.12 PHASE
373	11.22	29.81	628	3.15	3.16	7.19	8.79	6.19	3.89	1.22	1.73 AMP
				178.82	321.87	322.84	57.78	238.82	284.28	24.98	185.89 PHASE
374	12.81	38.88	619	1.29	3.68	9.62	11.45	6.77	5.68	.77	1.49 AMP
				196.78	322.28	327.38	62.57	238.25	282.28	43.82	122.96 PHASE
375	13.88	43.89	619	1.67	4.39	12.45	14.49	7.71	5.15	1.47	1.19 AMP
				385.33	388.88	317.18	47.75	222.29	296.95	17.37	184.62 PHASE
376	9.97	27.51	628	7.34	3.33	3.61	3.17	4.58	16.31	1.34	16.58 AMP
				156.48	312.13	385.25	46.36	222.13	299.53	314.15	35.53 PHASE
377	9.45	27.62	628	5.91	3.18	4.73	4.81	5.36	8.42	2.49	1.88 AMP
				153.11	312.48	313.28	52.36	238.58	2.61	344.93	68.37 PHASE
378	9.51	27.85	628	3.76	3.32	5.94	7.49	6.61	3.82	.54	.97 AMP
				153.77	381.66	388.81	48.82	216.76	272.16	28.32	55.88 PHASE
379	11.34	36.96	628	1.79	3.69	7.91	9.93	7.85	7.49	.11	.92 AMP
				136.86	289.87	381.89	38.84	189.71	231.48	188.37	61.52 PHASE
388	13.83	46.68	619	1.18	4.31	18.88	11.93	18.31	8.51	1.22	.81 AMP
				14.68	292.38	315.91	51.29	199.68	264.69	322.52	82.93 PHASE

TABLE VII.- Continued

(f) Concluded

TORSION 75 PERCENT RADIUS											
RUN NO 14											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
324	1.63	7.39	618	4.42	1.84	.23	.84	.94	.16	.46	.29 AMP
				323.83	122.58	169.98	319.37	358.13	127.86	67.37	218.56 PHASE
325	.29	7.58	618	4.68	1.77	.35	.82	.96	.16	.41	.28 AMP
				331.98	132.28	187.57	318.41	358.23	136.17	71.23	214.84 PHASE
326	-1.12	7.74	618	4.95	1.88	.44	.77	.85	.16	.26	.23 AMP
				341.74	142.42	187.36	319.18	348.94	134.31	78.42	206.62 PHASE
327	-2.43	8.38	618	5.32	1.76	.53	.82	.98	.12	.35	.12 AMP
				344.86	139.78	168.89	388.91	316.82	51.26	16.85	152.39 PHASE
328	-3.94	9.41	619	6.12	1.57	.32	.97	1.24	.53	.58	.87 AMP
				353.93	149.28	153.83	332.71	358.88	58.89	54.61	131.38 PHASE
329	-5.61	10.23	618	7.13	1.27	.56	.77	1.17	.72	.49	.21 AMP
				357.83	147.62	96.99	358.18	.16	61.72	45.29	315.67 PHASE
330	1.49	6.36	619	3.84	1.38	.86	.85	.96	.36	.88	.88 AMP
				328.18	128.68	288.88	388.24	329.89	96.25	64.98	259.84 PHASE
331	.88	6.35	619	4.83	1.19	.24	.74	.88	.18	.23	.88 AMP
				331.73	132.69	172.78	315.33	341.52	144.84	83.62	48.88 PHASE
332	-1.18	7.82	619	4.42	1.17	.43	.82	.91	.15	.15	.88 AMP
				339.81	145.67	167.18	312.29	331.81	181.48	59.76	84.68 PHASE
334	-2.63	8.28	619	4.93	1.38	.63	.84	1.81	.13	.26	.13 AMP
				349.53	155.88	167.68	315.27	333.83	85.48	67.81	58.88 PHASE
335	-4.83	9.25	628	5.47	1.53	.89	.81	1.17	.28	.18	.18 AMP
				353.61	152.78	162.86	295.63	328.62	53.82	72.81	15.28 PHASE
336	-4.69	9.56	619	5.76	1.61	.96	.81	1.21	.36	.24	.21 AMP
				356.41	154.67	162.65	293.41	324.62	53.86	73.88	28.98 PHASE
371	.29	5.19	621	3.47	.72	.18	.79	.76	.88	.16	.11 AMP
				325.95	132.94	184.37	283.93	385.26	76.58	21.97	297.37 PHASE
372	-1.89	5.93	628	3.86	.77	.38	.83	.79	.88	.12	.88 AMP
				337.57	152.84	163.73	288.82	388.22	13.74	357.74	388.25 PHASE
373	-2.45	6.79	628	4.34	.93	.54	.87	.93	.12	.13	.13 AMP
				349.83	178.92	179.86	297.24	314.82	56.73	26.14	314.22 PHASE
374	-3.83	8.88	619	4.91	1.22	.83	.97	1.89	.26	.18	.15 AMP
				357.45	178.37	198.46	293.23	327.49	69.83	145.81	323.89 PHASE
375	-5.39	9.25	619	5.73	1.54	1.13	1.88	1.35	.49	.17	.11 AMP
				329.29	171.37	182.29	275.89	318.84	51.88	148.16	381.94 PHASE
376	.81	3.98	628	2.98	.31	.15	.69	.58	.18	.14	.21 AMP
				328.34	164.84	165.28	298.71	328.84	28.55	341.33	27.82 PHASE
377	-1.31	4.62	628	3.25	.73	.73	.53	.85	.14	.14	.14 AMP
				341.83	198.49	165.87	299.31	321.67	2.51	315.19	16.52 PHASE
378	-2.74	5.78	628	3.86	.77	.46	.76	.72	.11	.89	.14 AMP
				348.99	194.38	171.94	287.84	318.54	6.98	389.62	313.58 PHASE
379	-4.16	7.83	628	4.52	1.88	.74	.89	.98	.27	.85	.18 AMP
				353.59	186.94	175.37	261.31	298.44	19.83	149.49	254.47 PHASE
388	-5.57	8.56	619	5.23	1.43	1.18	1.87	1.16	.48	.25	.18 AMP
				2.48	188.58	185.39	267.79	322.82	58.86	163.87	271.98 PHASE

PITCH LINK											
RUN NO 14											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
324	-4.69	18.68	618	5.64	1.84	1.23	1.94	2.88	.66	.93	1.18 AMP
				171.57	342.18	171.12	117.78	189.28	249.43	54.87	238.38 PHASE
325	-3.28	11.64	618	5.78	.97	1.58	2.83	1.97	.76	1.38	1.18 AMP
				179.24	357.52	171.18	115.95	189.58	253.79	54.86	219.89 PHASE
326	-1.81	12.62	618	6.34	.99	1.59	2.11	2.18	.49	1.81	1.83 AMP
				187.69	9.82	188.17	118.73	196.36	276.48	66.15	226.86 PHASE
327	-.26	13.33	618	7.34	.72	1.84	2.12	2.12	.47	.58	.93 AMP
				187.58	12.62	163.19	89.32	171.52	289.59	24.55	193.58 PHASE
328	1.56	16.43	619	9.88	.14	2.83	2.44	3.25	1.28	.56	.71 AMP
				193.84	53.59	167.62	118.86	195.77	238.51	328.83	236.46 PHASE
329	3.88	28.47	618	11.63	.89	3.46	2.29	3.43	1.75	1.99	.38 AMP
				195.89	182.13	163.13	183.48	196.48	245.27	317.72	279.15 PHASE
330	-3.84	9.33	619	3.54	.59	2.88	1.51	2.89	.54	.97	.24 AMP
				166.54	48.64	149.65	93.82	163.71	285.37	61.51	197.62 PHASE
331	-2.47	9.29	619	3.93	.67	2.88	1.41	1.79	.54	.96	.21 AMP
				179.13	66.65	155.66	88.38	173.98	211.96	88.58	144.69 PHASE
332	-1.25	18.72	619	4.39	1.84	2.89	1.78	2.19	.24	.69	.32 AMP
				188.41	73.68	153.45	81.27	175.65	285.77	77.42	115.29 PHASE
334	.15	12.86	619	5.38	1.16	2.16	1.83	2.22	.45	.89	.46 AMP
				195.89	78.74	154.97	85.56	184.36	284.13	78.82	181.46 PHASE
335	1.58	13.57	628	6.57	1.26	2.17	2.26	2.41	.48	.88	.41 AMP
				199.49	62.26	135.76	73.11	172.14	181.71	57.25	77.18 PHASE
336	2.19	15.88	619	7.33	1.24	2.85	2.45	2.65	.55	.63	.54 AMP
				281.56	58.99	132.33	75.58	175.47	188.94	46.51	74.65 PHASE
371	-1.89	8.38	621	2.42	1.36	2.47	.96	2.19	.42	.92	.86 AMP
				177.52	75.85	135.78	66.26	135.97	174.57	29.15	318.57 PHASE
372	.22	9.18	628	3.34	1.64	2.32	1.34	2.59	.38	.52	.21 AMP
				187.43	75.22	141.28	61.55	142.18	153.32	41.26	21.87 PHASE
373	1.59	11.24	628	4.33	1.98	2.31	1.84	2.67	.38	.77	.13 AMP
				199.91	82.74	145.15	72.98	159.84	176.73	52.15	17.74 PHASE
374	2.93	11.48	619	5.73	1.88	2.21	2.87	2.77	.16	.68	.81 AMP
				286.81	88.93	137.49	92.85	172.78	288.52	62.56	381.88 PHASE
375	4.46	13.87	619	7.34	1.86	2.32	2.86	3.38	.37	.52	.25 AMP
				286.39	74.89	113.88	85.52	168.68	199.68	7.73	128.81 PHASE
376	.87	6.87	628	.93	2.82	2.78	.55	1.82	.35	.39	.22 AMP
				199.68	87.45	134.75	87.65	156.12	222.18	13.21	35.17 PHASE
377	1.38	7.58	628	2.89	2.17	2.45	.82	2.17	.34	.18	.19 AMP
				283.52	84.88	148.32	75.57	156.62	281.79	33.66	337.38 PHASE
378	2.64	8.77	628	3.31	2.43	2.59	1.26	2.32	.45	.54	.88 AMP
				218.99	79.73	125.42	66.44	146.36	186.86	8.54	389.68 PHASE
379	3.99	18.32	628	4.99	2.46	2.48	1.91	2.55	.15	.67	.15 AMP
				288.81	72.31	184.71	78.42	139.88	177.82	328.45	286.83 PHASE
388	5.43	12.84	619	6.96	2.48	2.59	2.45	2.86	.24	.62	.23 AMP
				213.88	72.43	94.54	88.11	168.83	267.76	358.36	178.33 PHASE

TABLE VII.- Continued

(g)  $\mu = 0.40$ ;  $M_T = 0.68$ 

PT.	A1	B1	THETA	CL/SIGMA	CU/SIGMA	CW/SIGMA
385	-1.6	5.1	0.0	.03260	.00161	.00163
386	-1.7	6.6	2.0	.04266	.00142	.00187
387	-2.0	7.9	4.1	.05365	.00125	.00226
388	-2.3	9.1	6.1	.06360	.00098	.00277
389	-2.5	10.3	8.1	.07242	.00061	.00343
390	-2.9	11.7	10.0	.08110	.00012	.00449
391	-1.2	5.4	2.1	.02138	.00001	.00241
392	-1.5	6.5	4.0	.03267	.00110	.00243
393	-1.9	7.7	6.0	.04267	.00214	.00354
394	-2.3	8.8	7.9	.05193	.00326	.00413
395	-2.5	10.2	10.0	.06239	.00454	.00512
396	-2.6	11.0	11.0	.06738	.00519	.00556
397	-2.8	11.3	12.0	.07261	.00573	.00607
398	-1.1	5.6	4.1	.01109	.00047	.00231
399	-1.3	6.5	6.1	.02246	.00148	.00327
400	-1.6	7.9	7.9	.03179	.00352	.00404
401	-1.9	8.9	10.0	.04334	.00546	.00512
402	-2.5	10.0	11.9	.05336	.00759	.00618
403	-2.7	10.6	13.0	.05642	.00874	.00661

TABLE VII.- Continued

(g) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO 15											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
385	47.22	24.49	649	6.84	6.23	3.43	2.69	8.29	1.79	4.84	3.28 AMP
				141.55	388.52	9.22	389.64	71.17	328.71	285.56	41.68 PHASE
386	48.32	25.87	658	7.86	7.82	4.32	3.18	8.96	1.62	3.88	3.17 AMP
				141.28	311.29	13.89	314.67	75.84	336.23	281.45	52.87 PHASE
387	49.68	25.71	658	8.86	8.83	5.19	3.43	9.39	1.38	3.44	3.89 AMP
				141.67	317.39	27.28	325.69	85.98	353.59	216.88	62.88 PHASE
388	50.57	25.72	658	9.28	8.72	5.67	3.67	8.73	1.23	2.96	3.82 AMP
				134.98	318.75	9.76	384.19	65.18	338.88	189.49	28.57 PHASE
389	51.51	25.33	658	9.82	9.41	6.12	4.33	9.86	98	2.11	2.59 AMP
				138.31	313.96	5.67	298.31	69.58	334.21	188.83	34.63 PHASE
390	52.71	26.88	649	10.25	18.17	6.91	5.38	9.91	.61	2.85	2.21 AMP
				123.79	316.11	354.12	288.16	73.54	17.19	148.78	32.42 PHASE
391	47.64	21.83	658	6.22	5.43	2.79	1.87	8.28	2.24	2.81	1.53 AMP
				149.53	317.74	341.58	328.12	59.88	336.73	231.74	45.94 PHASE
392	48.88	22.97	658	6.98	6.25	3.68	1.53	8.69	2.36	2.54	1.18 AMP
				147.41	318.31	354.84	327.34	68.84	336.65	225.99	44.74 PHASE
393	50.82	23.31	658	7.49	7.89	4.37	2.22	8.95	1.91	2.53	1.27 AMP
				144.38	328.37	3.66	338.28	61.75	339.66	226.78	45.48 PHASE
394	51.82	23.56	658	8.88	7.76	5.86	2.75	9.88	1.83	2.24	1.87 AMP
				138.24	313.83	355.62	312.15	47.59	326.33	287.87	16.72 PHASE
395	52.24	24.69	658	8.86	8.48	5.88	3.55	9.35	1.71	2.88	1.24 AMP
				132.95	315.58	357.45	311.88	48.68	319.88	288.85	357.71 PHASE
396	52.76	24.35	649	9.25	8.59	6.12	3.88	9.55	1.85	1.62	1.34 AMP
				129.96	315.45	355.82	387.13	49.53	321.48	212.63	344.71 PHASE
397	53.25	24.17	651	9.57	8.83	6.32	4.86	9.25	1.79	1.22	1.21 AMP
				127.84	315.23	352.31	298.98	48.33	324.27	287.44	348.84 PHASE
398	47.62	18.74	658	5.31	4.77	2.79	.52	6.64	1.36	1.87	1.87 AMP
				156.11	317.41	329.24	34.62	58.42	349.49	246.28	49.99 PHASE
399	48.86	19.75	658	6.21	5.68	3.24	1.25	8.81	1.71	1.71	.96 AMP
				153.12	314.81	339.95	1.14	45.35	335.26	228.27	27.28 PHASE
400	50.85	19.25	658	6.35	5.84	3.82	1.93	7.49	1.56	1.87	1.11 AMP
				144.81	318.55	348.81	338.61	28.21	318.99	288.88	358.52 PHASE
401	51.29	28.63	649	7.15	6.89	4.88	2.79	8.22	1.32	1.61	.78 AMP
				144.67	321.29	.23	344.83	49.65	341.69	228.32	27.13 PHASE
402	52.48	21.41	658	7.73	7.47	4.81	3.63	8.71	1.19	1.49	1.85 AMP
				135.11	328.72	359.86	334.65	46.23	321.74	289.94	359.22 PHASE
403	53.15	21.11	658	8.25	7.68	5.86	4.12	8.93	1.84	1.32	1.16 AMP
				129.24	317.53	355.89	321.89	39.48	388.43	194.77	337.86 PHASE

CHORDWISE 25 PERCENT RADIUS											
RUN NO 15											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
385	53.24	65.88	649	26.86	9.48	7.33	11.55	18.91	4.84	1.54	1.86 AMP
				263.56	116.52	251.12	42.36	321.93	31.85	2.71	78.77 PHASE
386	51.48	64.85	658	31.91	11.75	18.84	12.47	12.99	2.17	1.39	2.18 AMP
				282.98	128.18	253.68	51.55	386.17	244.48	62.45	88.69 PHASE
387	50.24	73.59	658	48.25	17.54	12.18	13.64	15.48	3.76	2.56	2.33 AMP
				381.45	131.88	264.94	49.44	311.78	327.86	182.94	124.48 PHASE
388	48.58	86.72	658	48.84	21.97	14.65	15.57	17.88	4.37	3.26	2.93 AMP
				312.53	128.53	248.39	29.35	299.58	35.38	89.15	97.87 PHASE
389	48.28	186.66	658	58.28	28.43	28.12	16.78	18.89	8.23	4.33	3.33 AMP
				326.78	134.46	246.72	25.16	384.62	183.78	185.56	93.98 PHASE
390	48.44	128.26	649	69.82	33.69	25.94	16.79	18.83	12.91	5.28	4.17 AMP
				337.13	137.88	243.86	7.63	296.81	137.98	95.76	75.83 PHASE
391	52.34	46.77	658	19.89	6.93	5.75	11.18	8.26	3.87	1.41	.68 AMP
				258.94	133.81	245.12	53.18	326.52	322.92	351.96	55.66 PHASE
392	52.35	54.28	658	22.41	8.33	8.98	11.28	18.35	5.84	1.29	.63 AMP
				281.63	134.73	245.67	55.95	381.78	276.38	8.76	61.89 PHASE
393	53.24	61.75	658	38.24	14.18	18.61	13.38	13.68	6.71	1.86	.66 AMP
				381.12	137.93	242.67	43.72	299.33	387.72	25.92	184.44 PHASE
394	53.18	73.39	658	38.18	17.93	14.66	16.93	14.14	4.86	2.39	.82 AMP
				313.42	137.34	231.56	27.64	279.68	386.35	13.99	82.79 PHASE
395	54.21	95.38	658	58.48	23.52	22.65	28.85	12.63	2.87	2.54	1.13 AMP
				326.49	141.72	234.83	38.16	279.94	338.88	28.73	94.34 PHASE
396	53.58	183.54	649	57.28	26.11	27.12	28.63	12.99	1.66	3.81	1.13 AMP
				332.29	143.78	235.37	28.68	282.47	13.85	37.86	81.52 PHASE
397	53.49	118.88	651	63.91	27.68	38.65	28.89	11.83	2.48	2.57	1.27 AMP
				337.46	144.71	234.68	23.38	291.21	68.24	32.68	58.79 PHASE
398	58.63	43.88	658	16.87	4.74	3.99	9.68	5.78	4.81	1.84	.46 AMP
				247.34	153.83	285.88	61.88	319.53	318.18	324.21	62.18 PHASE
399	51.95	45.17	658	15.58	5.63	7.37	12.23	7.43	6.48	1.26	.58 AMP
				272.49	156.85	228.58	56.21	268.26	275.29	327.21	65.33 PHASE
400	53.48	47.82	658	21.88	18.85	9.47	12.91	18.25	6.71	1.65	.66 AMP
				299.44	146.16	212.38	27.17	252.49	286.29	318.26	55.86 PHASE
401	55.51	72.85	649	31.87	15.59	16.42	17.94	9.71	3.45	1.53	.75 AMP
				328.23	156.58	229.89	45.14	264.15	329.11	4.85	93.41 PHASE
402	57.36	93.84	658	43.71	19.57	25.15	22.48	11.43	2.94	1.82	1.86 AMP
				339.78	157.73	238.43	48.38	238.64	314.14	28.68	81.57 PHASE
403	58.22	181.68	658	51.49	22.26	38.88	22.59	11.92	3.38	2.56	1.23 AMP
				342.98	156.65	227.26	31.38	224.76	325.22	21.79	76.18 PHASE

TABLE VII.- Continued

(g) Continued

TORSION 28 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
385	18.79	14.59	649	7.82	1.88	1.28	2.57	2.61	.62	1.14	.29 AMP
386	8.79	14.78	658	328.21	128.85	353.85	258.32	337.93	48.43	248.83	332.48 PHASE
387	6.64	13.36	658	7.98	1.65	1.61	2.78	2.61	.69	1.15	.25 AMP
388	4.43	14.82	658	336.16	127.17	349.98	263.25	346.73	48.18	248.36	24.87 PHASE
389	2.85	16.32	658	8.38	1.42	1.64	2.78	2.56	.36	1.14	.23 AMP
390	-.73	28.77	649	346.63	135.36	351.48	267.86	352.95	77.54	264.23	95.12 PHASE
391	18.87	18.77	658	9.43	1.25	1.86	2.56	2.61	.35	.81	.35 AMP
392	8.26	18.74	658	358.82	114.89	348.45	248.85	334.15	19.92	243.45	56.88 PHASE
393	6.36	18.42	658	11.15	1.28	2.29	2.92	3.51	.85	.18	.58 AMP
394	4.55	18.86	658	357.81	94.12	349.28	254.17	346.34	38.68	186.68	75.88 PHASE
395	2.47	12.36	658	13.88	1.63	3.38	3.85	5.83	2.88	1.29	1.15 AMP
396	1.38	13.13	649	2.58	52.64	355.64	257.67	358.66	58.18	91.85	188.73 PHASE
397	.19	14.87	651	5.96	1.12	2.17	2.31	2.89	.32	.91	.22 AMP
398	9.54	9.57	658	6.12	.66	2.41	2.35	2.16	.54	.86	.22 AMP
399	7.64	9.29	658	331.98	189.51	338.34	256.58	331.72	38.13	268.86	221.48 PHASE
400	5.69	8.76	658	6.48	.26	2.56	2.33	2.17	.31	.94	.48 AMP
401	3.81	9.49	649	341.81	181.15	328.34	256.49	332.34	38.34	272.94	211.68 PHASE
402	1.76	18.66	658	7.88	.89	2.57	2.51	2.27	.26	.97	.28 AMP
403	.65	11.73	658	347.43	188.48	315.88	241.18	318.74	338.72	259.41	192.83 PHASE
				7.96	.28	2.56	2.94	2.47	.29	1.18	.16 AMP
				357.16	128.27	389.37	244.47	327.52	356.86	268.15	282.91 PHASE
				8.76	.32	2.58	3.26	2.69	.43	.97	.28 AMP
				1.38	136.85	386.51	244.22	329.53	6.12	263.85	191.92 PHASE
				9.87	.62	2.61	3.44	2.98	.62	.98	.27 AMP
				5.88	136.87	388.88	241.79	333.48	26.61	267.84	184.98 PHASE
				4.83	.21	2.41	1.71	1.77	.14	.73	.26 AMP
				314.12	35.87	326.99	247.48	325.18	32.47	267.15	187.73 PHASE
				4.89	.31	2.63	1.86	1.96	.24	.78	.33 AMP
				325.21	381.44	319.82	239.94	315.88	11.45	255.42	152.14 PHASE
				5.48	.62	2.44	1.79	1.98	.14	.88	.28 AMP
				335.12	298.54	318.14	238.13	299.95	336.11	239.11	132.58 PHASE
				6.13	.88	2.68	2.18	2.85	.28	.81	.19 AMP
				349.67	286.73	316.65	249.86	324.22	327.13	265.49	162.84 PHASE
				7.19	.75	2.72	2.58	2.22	.25	.91	.13 AMP
				357.94	273.97	382.35	247.42	325.54	338.95	252.85	116.82 PHASE
				7.95	.67	2.72	2.98	2.43	.19	.88	.12 AMP
				.15	256.83	298.84	243.56	322.95	345.98	244.69	118.88 PHASE



TABLE VII.- Continued

(g) Continued

FLAPWISE 37 PERCENT RADIUS											
RUN NO 15											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
305	32.38	22.98	649	18.87	7.89	4.56	2.74	4.14	.38	.37	1.16 AMP
				135.12	312.78	8.13	386.95	78.28	358.68	295.55	289.47 PHASE
306	33.26	23.72	658	12.46	8.22	5.51	3.82	4.42	.38	.38	1.83 AMP
				136.23	313.85	13.87	311.94	88.38	19.81	298.98	222.39 PHASE
307	33.96	26.14	658	13.84	9.81	6.49	3.27	4.63	.36	.48	1.88 AMP
				138.36	316.82	24.95	322.83	89.82	32.98	326.37	238.87 PHASE
308	34.74	27.19	658	14.98	18.89	7.18	3.38	4.16	.31	.47	1.83 AMP
				133.68	388.68	8.78	381.89	68.96	28.32	291.74	199.87 PHASE
309	35.45	29.86	658	15.85	12.33	7.86	3.65	4.34	.36	.61	1.96 AMP
				132.43	388.92	6.98	297.79	73.85	59.38	277.21	289.15 PHASE
398	36.11	32.32	649	16.47	13.93	8.76	4.31	4.72	.45	.98	1.83 AMP
				138.32	388.13	358.37	281.25	77.28	131.28	254.64	218.19 PHASE
391	33.34	18.68	658	8.86	6.87	2.71	1.42	4.59	.67	.31	.69 AMP
				135.16	327.69	2.82	386.57	62.76	344.32	282.77	213.84 PHASE
392	34.42	28.96	658	18.24	7.26	4.85	1.74	4.91	.64	.28	.51 AMP
				135.59	323.78	9.46	314.78	61.97	332.88	286.73	281.78 PHASE
393	35.48	22.88	658	11.58	8.43	5.82	2.22	4.91	.65	.32	.53 AMP
				136.83	322.39	16.39	321.46	64.55	331.18	383.23	281.93 PHASE
394	36.22	23.83	658	12.78	9.33	6.86	2.57	4.98	.56	.34	.63 AMP
				132.55	313.96	8.22	387.26	49.83	324.87	284.86	167.42 PHASE
395	37.11	26.83	658	14.38	18.57	7.46	2.99	5.18	.36	.35	.58 AMP
				131.28	312.64	9.69	389.33	48.76	319.35	273.98	141.71 PHASE
396	37.48	27.88	649	15.85	11.89	8.16	3.81	5.25	.36	.44	.69 AMP
				138.58	318.97	8.79	386.67	49.88	314.85	244.71	143.18 PHASE
397	37.78	28.81	651	15.72	11.69	8.59	3.13	5.82	.31	.42	.54 AMP
				129.77	389.63	6.28	381.53	47.36	325.35	245.25	141.45 PHASE
398	34.18	13.61	658	6.94	5.81	2.18	.73	3.87	.48	.21	.41 AMP
				134.58	331.37	346.57	329.88	59.58	334.54	296.73	216.99 PHASE
399	35.89	15.72	658	8.53	6.29	3.88	1.28	4.62	.48	.21	.33 AMP
				135.84	324.46	358.97	331.33	45.88	317.11	291.68	172.16 PHASE
400	36.18	16.18	658	9.42	6.84	4.23	1.79	4.28	.41	.25	.44 AMP
				131.86	315.58	355.91	318.89	28.62	293.78	281.58	158.93 PHASE
401	37.10	19.38	649	11.14	3.41	5.44	2.48	4.64	.24	.29	.36 AMP
				136.88	323.27	17.43	337.94	58.81	389.99	298.51	178.28 PHASE
402	38.88	21.83	658	12.64	9.43	6.68	2.84	4.93	.18	.35	.38 AMP
				133.75	328.84	18.48	333.77	44.74	277.17	279.23	157.22 PHASE
403	38.54	23.41	658	13.48	9.95	7.42	3.83	5.89	.11	.52	.51 AMP
				131.57	315.93	14.71	326.81	36.91	227.79	256.67	137.85 PHASE

CHORDWISE 37 PERCENT RADIUS											
RUN NO 15											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
305	26.52	63.86	649	22.48	6.81	5.52	15.98	13.31	6.56	3.35	2.59 AMP
				269.92	128.14	263.12	37.23	326.16	32.49	6.45	136.24 PHASE
306	24.86	64.84	658	28.85	9.28	8.26	18.38	15.13	4.38	3.88	3.87 AMP
				286.84	122.89	269.38	43.43	388.48	227.39	33.17	122.83 PHASE
307	23.17	75.82	658	35.55	13.89	18.55	21.87	17.99	6.85	4.89	4.75 AMP
				382.35	135.46	287.98	47.86	313.29	328.37	81.34	143.57 PHASE
308	28.91	93.82	658	42.66	17.69	13.37	23.29	21.96	6.44	4.88	4.98 AMP
				318.84	131.49	274.97	38.18	299.43	28.95	75.27	185.13 PHASE
309	19.35	99.39	658	58.88	23.58	17.74	24.68	23.27	11.48	5.85	5.31 AMP
				323.35	139.29	273.82	25.78	384.97	186.66	188.81	185.65 PHASE
398	18.18	118.81	649	58.56	29.87	23.14	24.69	25.41	28.89	7.42	4.83 AMP
				332.88	144.75	267.85	7.95	298.12	146.31	187.91	87.84 PHASE
391	25.82	44.99	658	15.85	5.88	3.47	14.47	18.88	6.15	3.91	1.16 AMP
				287.41	158.84	249.48	47.55	331.68	324.63	349.92	184.73 PHASE
392	24.79	51.74	658	19.32	5.39	6.25	15.68	12.61	8.78	4.21	2.73 AMP
				286.86	144.22	256.88	46.51	386.85	278.62	1.33	95.11 PHASE
393	25.14	64.11	658	26.27	18.69	7.68	19.38	16.34	12.84	4.56	3.18 AMP
				381.78	144.91	258.89	41.83	381.71	384.14	13.49	184.88 PHASE
394	24.67	72.67	658	33.87	13.83	18.78	24.13	16.98	7.56	4.91	3.33 AMP
				318.61	142.71	251.76	26.87	281.58	383.36	357.75	82.58 PHASE
395	24.88	93.68	658	43.12	18.53	16.95	28.84	14.97	3.72	3.47	4.75 AMP
				321.95	147.72	256.93	29.32	284.73	324.12	17.78	83.27 PHASE
396	22.65	94.77	649	48.47	28.89	28.51	29.51	15.64	2.24	3.33	4.73 AMP
				327.23	158.29	258.56	28.14	289.76	352.12	37.15	84.21 PHASE
397	21.66	97.91	651	53.52	22.56	23.39	29.93	14.97	2.65	2.38	4.56 AMP
				332.28	152.41	257.53	23.26	388.93	71.86	32.52	75.26 PHASE
398	23.31	43.96	658	11.52	3.87	2.49	12.26	7.81	7.62	3.88	1.82 AMP
				255.71	186.55	181.89	65.32	326.28	388.16	332.73	97.22 PHASE
399	24.17	43.81	658	12.92	5.81	4.39	15.88	8.58	11.18	4.16	2.87 AMP
				279.45	183.81	233.11	48.44	274.46	271.84	331.93	81.72 PHASE
400	24.62	47.86	658	18.38	7.93	5.97	17.94	11.84	12.12	4.66	2.53 AMP
				388.78	161.68	224.88	25.87	257.32	282.69	316.38	66.51 PHASE
401	25.83	66.14	649	26.88	12.14	11.81	24.26	18.91	5.84	3.33	3.18 AMP
				323.98	167.89	243.48	43.24	268.12	324.29	358.38	98.63 PHASE
402	26.42	85.76	658	35.75	15.51	17.41	38.42	11.75	4.81	2.16	4.88 AMP
				332.96	164.92	244.79	38.53	238.83	383.29	353.42	98.16 PHASE
403	26.66	96.88	658	41.75	18.26	21.82	31.21	11.58	4.88	2.18	3.54 AMP
				335.32	162.72	242.83	38.43	222.55	312.84	8.18	75.84 PHASE

TABLE VII.- Continued

(g) Continued

TORSION 36 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
385	9.27	13.69	649	8.68	2.48	327.65	2.24	2.32	.51	.71	.15
				322.67	185.58	327.28	224.88	292.73	4.94	213.72	279.98
386	7.27	14.14	658	9.87	2.29	.81	2.45	2.35	.58	.69	.18
				329.76	188.82	321.29	229.43	381.88	8.58	281.73	334.83
387	5.13	13.81	658	9.63	2.23	.74	2.48	2.31	.37	.72	.16
				338.76	111.77	312.98	233.84	387.51	48.37	226.23	39.22
388	2.99	14.58	658	18.78	2.18	.74	2.24	2.26	.28	.52	.26
				341.18	94.18	328.66	217.49	289.35	353.82	213.57	356.36
389	.71	16.17	658	12.46	2.28	.91	2.43	2.86	.78	.89	.48
				346.69	82.11	321.47	225.74	382.55	355.68	322.86	11.95
398	-1.88	19.89	649	15.83	2.78	1.56	2.33	3.94	1.71	1.81	.69
				358.18	58.28	335.82	235.43	316.49	1.72	35.74	39.63
391	8.34	18.92	658	7.22	1.75	1.31	2.14	1.98	.24	.57	.15
				328.76	92.89	383.12	228.63	277.52	3.96	224.71	169.29
392	6.51	11.15	658	7.68	1.44	1.44	2.18	1.95	.39	.54	.18
				328.96	94.81	388.39	225.24	285.41	1.62	222.95	159.17
393	4.56	11.39	658	8.87	1.21	1.54	2.18	1.99	.28	.66	.24
				336.43	95.68	294.15	225.83	286.17	17.84	234.29	153.61
394	2.82	11.87	658	8.75	1.17	1.58	2.32	2.18	.14	.71	.15
				339.69	91.82	275.51	218.86	272.46	348.77	228.35	148.98
395	.81	12.77	658	9.73	1.37	1.53	2.66	2.22	.21	.77	.87
				346.97	94.64	268.98	214.42	281.87	359.79	216.15	199.87
396	-.22	13.54	649	18.46	1.58	1.52	2.88	2.37	.38	.68	.89
				358.88	96.99	253.41	214.84	283.31	349.34	219.71	175.17
397	-1.33	14.53	651	11.42	1.82	1.51	2.97	2.48	.47	.56	.17
				352.64	96.88	253.83	214.27	287.77	349.44	224.94	162.72
398	7.74	8.91	658	6.23	.89	1.41	1.66	1.65	.15	.16	.16
				319.28	73.85	295.88	228.87	279.44	354.61	227.88	127.93
399	5.79	8.92	658	6.57	.61	1.57	1.81	1.88	.28	.52	.21
				326.73	74.74	286.96	212.86	268.46	338.88	217.88	92.21
488	3.92	8.43	658	7.18	.31	1.44	1.69	1.69	.11	.68	.18
				332.88	62.27	275.22	281.88	253.54	338.16	282.64	78.59
481	2.82	9.46	649	7.99	.27	1.67	2.88	1.88	.13	.62	.89
				343.41	185.51	276.17	219.57	278.16	389.78	225.74	187.28
482	.88	11.39	658	9.83	.46	1.85	2.46	2.83	.12	.72	.85
				348.64	129.12	258.77	216.85	279.79	335.87	218.98	22.22
483	-.99	12.54	658	9.72	.64	1.98	2.78	2.22	.15	.67	.86
				349.92	129.65	244.89	212.64	276.73	354.41	284.14	7.53

TABLE VII.- Continued

(g) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO 15											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
385	28.18	28.77	649	13.99	8.66	5.39	1.19	2.88	1.56	3.48	3.26 AMP
				124.87	312.58	3.51	348.98	241.85	153.38	22.23	214.91 PHASE
386	28.88	31.23	658	16.81	18.11	6.42	1.48	2.95	1.36	3.33	3.19 AMP
				127.85	312.63	8.77	339.13	248.81	151.88	17.46	226.83 PHASE
387	21.39	33.93	658	18.81	12.88	7.49	1.71	2.96	1.86	2.96	3.87 AMP
				131.16	316.68	22.54	347.81	256.48	163.79	33.61	238.26 PHASE
388	21.82	35.87	658	19.48	13.71	8.32	1.87	3.83	1.88	2.52	2.96 AMP
				128.23	387.98	4.88	324.43	234.28	139.87	6.87	283.67 PHASE
389	22.29	37.82	658	28.59	15.67	9.45	1.94	3.28	.61	1.78	2.47 AMP
				128.35	387.98	4.88	321.77	237.88	138.88	351.23	289.99 PHASE
390	22.64	39.63	649	21.22	17.94	18.78	2.22	3.86	.42	1.97	2.18 AMP
				127.34	386.95	356.79	387.88	236.94	173.68	386.88	288.45 PHASE
391	21.37	21.39	658	11.58	7.85	3.28	1.84	2.89	1.38	2.41	1.22 AMP
				122.92	328.61	2.33	334.56	239.23	134.76	43.17	218.17 PHASE
392	22.86	23.89	658	13.23	9.36	4.71	1.33	2.28	1.44	2.24	.98 AMP
				125.67	322.69	8.84	329.44	237.78	138.17	37.14	212.55 PHASE
393	22.72	26.86	658	14.95	18.92	5.98	1.54	2.26	1.15	2.89	1.86 AMP
				127.36	321.19	15.88	332.34	236.44	137.45	38.83	228.66 PHASE
394	23.36	29.44	658	16.68	12.28	7.31	1.78	2.33	.88	1.83	1.29 AMP
				125.48	312.84	8.81	319.28	228.17	121.27	18.75	191.23 PHASE
395	24.17	32.67	658	18.82	13.82	8.93	1.83	2.56	1.83	1.56	1.17 AMP
				125.69	318.97	18.34	319.38	218.51	114.32	25.29	167.21 PHASE
396	24.48	35.88	649	19.79	14.57	9.95	1.86	2.67	1.18	1.68	1.27 AMP
				125.67	389.28	11.48	319.82	217.93	116.83	31.55	155.13 PHASE
397	24.71	36.27	651	28.71	15.42	18.54	1.83	2.78	1.87	.73	1.22 AMP
				125.33	388.84	9.67	328.41	216.14	116.52	31.55	148.57 PHASE
398	22.96	16.49	658	8.97	6.55	2.44	1.88	1.38	.74	1.48	.58 AMP
				121.33	332.87	347.28	313.82	247.83	156.98	61.18	224.48 PHASE
399	23.57	18.93	658	18.94	7.18	1.17	1.59	1.87	1.58	1.58	.74 AMP
				123.67	323.57	358.93	387.39	233.85	141.96	39.43	288.45 PHASE
400	24.51	28.69	658	12.37	8.68	5.28	1.22	1.58	.88	1.68	.95 AMP
				121.98	313.99	356.39	298.43	215.15	125.66	11.96	171.99 PHASE
401	25.85	24.78	649	14.59	18.66	6.71	1.22	1.78	.71	1.28	.73 AMP
				128.16	328.39	17.42	314.42	234.88	144.83	41.59	199.48 PHASE
402	25.78	28.57	658	16.58	12.81	8.44	1.22	1.95	.72	1.21	1.86 AMP
				127.58	316.48	28.84	313.44	231.23	129.99	23.21	173.18 PHASE
403	26.13	38.32	658	17.75	12.82	9.61	1.16	2.81	1.86	1.86	1.16 AMP
				126.26	311.53	16.36	311.28	223.28	119.84	8.62	151.78 PHASE

CHORDWISE 51 PERCENT RADIUS											
RUN NO 15											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
385	27.73	63.87	649	21.73	5.57	4.44	18.84	15.46	7.68	5.18	3.52 AMP
				277.92	135.83	276.64	38.58	325.22	37.15	8.51	151.97 PHASE
386	26.82	69.29	658	27.85	7.26	7.14	22.17	17.68	6.84	4.92	3.52 AMP
				298.88	136.76	284.69	43.28	388.97	229.32	29.64	139.88 PHASE
387	24.88	76.53	658	35.71	11.21	9.98	26.17	28.21	9.97	5.86	6.89 AMP
				383.54	144.58	386.87	47.56	313.81	316.19	76.17	156.49 PHASE
388	21.34	97.72	658	42.64	14.44	13.13	28.85	24.48	7.76	5.23	5.86 AMP
				389.23	136.55	292.48	38.48	298.41	7.19	71.34	115.48 PHASE
389	19.65	184.93	658	49.96	19.98	17.78	31.88	26.85	11.78	7.11	6.32 AMP
				319.61	143.22	288.85	25.73	383.24	118.23	113.58	114.84 PHASE
390	18.76	114.84	649	55.54	26.15	24.21	31.89	29.21	23.12	8.75	5.13 AMP
				328.85	147.78	281.17	8.61	295.12	155.21	122.57	188.99 PHASE
391	25.59	49.63	658	14.44	4.82	2.29	17.11	12.58	7.24	5.78	2.83 AMP
				279.89	167.91	258.44	47.61	329.16	323.81	354.81	115.46 PHASE
392	25.25	56.68	658	19.48	5.99	4.83	18.94	14.84	11.68	6.26	4.28 AMP
				293.88	168.41	271.44	46.15	385.35	268.23	4.64	184.22 PHASE
393	25.19	67.98	658	26.39	9.37	6.17	23.62	18.67	15.87	6.64	4.81 AMP
				384.22	156.71	288.35	41.99	388.64	383.16	16.89	115.88 PHASE
394	24.46	77.97	658	32.98	11.96	9.24	29.38	19.23	18.28	6.92	5.82 AMP
				389.94	152.43	273.91	28.88	279.52	388.57	.64	92.71 PHASE
395	23.64	93.52	658	42.22	16.82	15.33	35.88	16.82	5.35	4.76	6.83 AMP
				318.64	155.55	277.78	29.88	281.55	389.63	18.99	98.68 PHASE
396	22.39	95.18	649	46.92	18.83	19.89	36.67	17.29	3.85	4.14	6.59 AMP
				322.88	156.99	278.47	28.61	287.87	319.88	43.49	93.31 PHASE
397	21.67	98.97	651	51.23	28.84	22.12	37.53	16.88	7.43	2.55	6.87 AMP
				326.86	158.99	277.85	24.86	298.89	73.19	43.48	84.87 PHASE
398	25.15	49.48	658	18.11	4.59	2.87	14.47	9.43	9.54	5.39	1.76 AMP
				271.16	218.38	161.45	53.62	323.42	389.36	338.83	189.86 PHASE
399	25.17	53.54	658	13.05	5.67	2.83	19.82	18.68	14.27	6.82	3.48 AMP
				293.42	282.22	244.44	46.72	274.11	272.78	337.61	91.89 PHASE
400	24.61	54.75	658	18.44	7.59	4.39	21.71	13.82	15.79	6.52	3.88 AMP
				383.66	176.93	246.86	25.86	256.24	283.18	321.35	77.87 PHASE
401	25.25	68.71	649	26.18	11.21	8.48	29.17	13.83	7.58	4.58	4.79 AMP
				322.88	179.17	264.35	44.17	265.97	328.97	353.88	189.25 PHASE
402	25.35	87.98	658	34.88	14.27	13.74	36.37	14.12	6.59	3.12	5.95 AMP
				373.73	174.91	264.29	39.67	237.59	295.63	349.47	183.32 PHASE
403	24.95	181.23	658	43.83	16.65	17.59	37.87	13.71	6.28	2.41	5.81 AMP
				330.19	171.41	268.92	31.81	228.31	381.81	356.58	99.81 PHASE

TABLE VII.- Continued

(g) Continued

TORSION 5# PERCENT RADIUS											
RUN NO		15									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
385	5.88	11.44	649	7.28	1.86	.43	1.82	1.93	.58	.56	.88 AMP
				331.86	128.54	358.82	255.34	317.82	52.91	283.19	238.88 PHASE
386	4.83	11.42	658	7.68	1.77	.49	1.95	1.99	.64	.51	.82 AMP
				338.13	126.35	336.85	258.46	324.73	54.68	271.83	47.24 PHASE
387	2.18	11.35	658	8.86	1.69	.48	1.93	1.93	.48	.64	.14 AMP
				346.98	132.68	328.29	262.82	331.18	88.47	286.94	135.18 PHASE
388	.17	12.18	658	8.95	1.52	.36	1.77	1.84	.36	.56	.19 AMP
				348.77	116.29	345.18	245.93	313.84	58.74	277.11	71.96 PHASE
389	-1.87	13.24	658	18.38	1.48	.35	1.85	2.25	.72	.28	.26 AMP
				353.48	98.41	3.19	254.35	327.88	48.85	335.65	76.39 PHASE
398	-4.19	15.74	649	12.37	1.87	.88	1.61	3.83	1.63	.75	.49 AMP
				355.31	64.98	23.53	269.28	341.78	39.83	75.84	94.46 PHASE
391	5.84	9.51	658	6.28	1.39	.79	1.69	1.65	.31	.43	.17 AMP
				331.49	118.22	328.47	252.13	383.98	64.82	288.11	211.98 PHASE
392	3.44	9.48	658	6.65	1.14	.84	1.72	1.71	.45	.42	.12 AMP
				339.28	116.34	322.61	256.38	311.84	57.49	283.92	221.45 PHASE
393	1.74	9.81	658	7.86	.93	.87	1.73	1.78	.36	.56	.19 AMP
				346.21	123.68	313.72	256.79	311.37	75.38	298.68	281.49 PHASE
394	.13	18.37	658	7.63	.87	.81	1.81	1.88	.22	.63	.14 AMP
				348.88	123.89	291.91	248.99	296.66	56.39	273.75	191.55 PHASE
395	-1.76	11.88	658	8.42	1.81	.81	2.87	1.93	.34	.66	.13 AMP
				355.29	124.38	278.16	242.63	384.47	56.47	263.77	261.94 PHASE
396	-2.69	12.82	649	8.98	1.18	.79	2.26	2.86	.39	.55	.14 AMP
				357.66	123.75	254.41	242.57	386.98	49.27	262.68	243.88 PHASE
397	-3.78	12.62	651	9.64	1.32	.77	2.38	2.83	.51	.48	.28 AMP
				359.34	117.18	247.88	242.13	318.12	39.86	262.74	239.36 PHASE
398	4.44	7.67	658	5.65	.77	.88	1.34	1.38	.22	.38	.15 AMP
				331.93	95.95	321.79	251.68	387.41	56.42	293.14	172.25 PHASE
399	2.88	7.81	658	5.99	.53	.89	1.46	1.54	.28	.41	.28 AMP
				338.38	185.89	388.88	243.39	295.85	42.98	274.19	134.68 PHASE
408	1.22	7.92	658	6.42	.27	.79	1.38	1.41	.28	.54	.19 AMP
				342.38	129.85	294.92	232.85	281.18	58.89	257.99	184.83 PHASE
401	-.58	8.88	649	7.15	.35	.93	1.63	1.68	.14	.56	.83 AMP
				352.84	172.13	291.44	249.79	384.23	37.73	278.62	148.88 PHASE
402	-2.38	18.81	658	7.89	.58	1.87	1.97	1.81	.24	.64	.83 AMP
				357.48	175.88	266.88	244.76	385.43	52.95	254.84	337.88 PHASE
403	-3.38	18.93	658	8.42	.63	1.18	2.16	2.88	.32	.61	.82 AMP
				358.24	168.88	249.68	238.69	382.85	58.86	245.38	313.16 PHASE

TABLE VII.- Continued

(g) Continued

FLAPWISE 77 PERCENT RADIUS											
RUN NO 15											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
385	-5.15	34.70	649	22.25	9.20	6.21	4.23	5.18	2.24	3.38	3.84 AMP
				134.51	332.31	324.60	137.74	239.72	356.21	221.74	22.74 PHASE
386	-3.84	38.40	650	23.74	16.40	6.94	4.49	5.68	2.12	3.13	3.65 AMP
				133.17	332.72	331.82	138.57	246.28	356.10	212.65	34.60 PHASE
387	-2.49	41.10	650	25.36	12.09	7.43	4.65	6.20	1.64	2.95	3.55 AMP
				142.72	335.75	344.84	143.10	258.99	1.72	229.71	48.51 PHASE
388	-1.08	44.19	650	26.60	13.37	8.27	4.70	5.86	1.78	2.63	3.49 AMP
				141.30	325.98	338.71	125.56	239.84	317.98	210.55	11.52 PHASE
389	.22	48.01	650	27.98	14.88	9.37	5.00	6.56	2.10	1.20	3.18 AMP
				144.10	325.87	331.77	127.50	245.97	312.15	217.11	17.05 PHASE
390	1.28	51.79	649	28.49	16.98	10.77	4.72	7.86	2.64	.72	2.79 AMP
				146.13	324.17	328.33	117.59	254.49	310.89	104.63	15.82 PHASE
391	-3.86	38.19	650	29.38	8.58	4.60	3.34	6.87	.48	2.91	1.24 AMP
				137.04	341.36	305.25	159.42	228.57	324.06	227.04	34.72 PHASE
392	-2.48	33.29	650	21.49	9.77	5.41	3.55	7.25	.00	2.70	.96 AMP
				139.76	337.17	315.01	156.71	232.36	327.03	220.95	25.78 PHASE
393	-1.15	37.93	650	22.84	11.19	5.89	4.06	7.36	.59	2.47	1.12 AMP
				142.28	335.78	322.22	152.58	237.22	312.12	220.54	34.37 PHASE
394	.17	40.60	650	24.12	12.36	6.73	4.16	7.59	.72	2.20	1.54 AMP
				140.09	327.51	320.25	135.46	224.79	280.48	202.91	5.33 PHASE
395	1.54	44.64	650	25.70	14.06	7.86	4.41	7.76	1.35	1.81	1.51 AMP
				142.97	325.23	326.43	133.67	228.08	282.78	215.49	338.13 PHASE
396	2.25	47.50	649	26.51	14.90	8.67	4.34	8.10	1.37	1.18	1.79 AMP
				143.62	323.60	327.79	129.26	229.11	285.14	233.56	324.20 PHASE
397	2.04	49.18	651	27.52	15.79	9.22	4.46	7.89	1.61	.97	1.87 AMP
				144.16	322.27	326.54	123.98	228.75	280.65	251.74	316.87 PHASE
398	-1.79	26.26	650	18.00	7.06	3.97	2.44	6.55	.10	1.95	.62 AMP
				138.54	351.42	297.10	182.54	229.34	111.04	233.22	50.84 PHASE
399	-.58	29.04	650	20.20	8.31	4.24	3.74	7.74	.13	1.96	.62 AMP
				139.45	347.35	302.52	163.61	216.85	202.91	210.54	25.82 PHASE
400	1.00	31.11	650	21.95	9.93	4.84	3.63	7.12	.11	2.06	1.05 AMP
				137.09	332.68	304.92	142.74	201.98	151.35	181.84	347.90 PHASE
401	2.21	56.01	649	22.95	10.61	5.66	4.40	7.66	.32	1.64	.73 AMP
				144.04	333.57	330.42	155.09	224.18	275.68	212.03	16.13 PHASE
402	3.64	59.75	650	24.36	11.90	6.60	5.01	8.02	.51	1.39	1.23 AMP
				144.29	333.22	337.39	145.49	220.31	291.79	192.21	345.00 PHASE
403	4.49	41.44	650	23.24	12.78	7.21	5.10	8.28	.64	1.11	1.46 AMP
				143.39	327.47	333.88	134.01	213.24	286.09	174.96	323.62 PHASE

CHORDWISE 77 PERCENT RADIUS											
RUN NO 15											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
385	11.37	27.59	649	6.37	3.57	4.34	7.50	7.89	4.17	1.65	2.02 AMP
				174.61	313.95	322.56	52.63	284.74	17.11	298.24	55.25 PHASE
386	12.27	34.60	650	5.76	4.05	5.62	9.08	10.19	2.66	.99	2.40 AMP
				189.63	316.90	327.20	54.95	277.36	253.68	326.51	62.44 PHASE
387	13.18	36.79	650	4.99	4.35	7.26	10.86	11.99	5.61	.86	2.95 AMP
				214.32	320.60	342.05	58.22	283.82	314.56	60.43	97.26 PHASE
388	13.81	38.52	650	4.64	4.87	9.19	12.13	12.86	4.49	.09	2.92 AMP
				233.81	316.71	325.97	41.39	269.49	333.09	91.86	54.86 PHASE
389	14.55	47.53	650	4.67	4.79	11.50	12.86	14.12	2.17	2.21	2.84 AMP
				261.16	313.07	323.24	37.51	273.21	88.36	124.02	64.30 PHASE
390	15.72	52.60	649	5.04	4.67	14.25	12.62	17.35	6.71	3.62	2.37 AMP
				281.38	304.21	313.54	20.24	269.02	165.10	122.77	57.06 PHASE
391	9.03	23.96	650	6.31	3.16	2.47	6.32	7.16	3.12	2.26	1.47 AMP
				165.39	316.62	311.37	56.50	271.26	311.18	305.02	73.76 PHASE
392	10.34	29.48	650	5.47	3.74	3.89	7.16	9.64	5.22	2.10	2.25 AMP
				176.22	317.75	319.38	54.10	263.97	263.20	321.50	83.13 PHASE
393	12.37	34.07	650	4.36	3.94	4.89	9.09	11.52	7.13	1.95	2.60 AMP
				195.64	318.22	328.79	50.98	265.78	294.60	341.50	93.24 PHASE
394	13.72	35.47	650	3.57	4.34	6.62	11.47	12.25	5.09	2.12	2.71 AMP
				213.19	309.86	322.58	35.86	247.20	287.47	328.30	66.16 PHASE
395	14.93	39.16	650	3.43	4.93	9.44	14.04	11.66	3.67	1.31	2.90 AMP
				253.50	303.94	322.85	37.03	245.53	280.09	330.39	67.11 PHASE
396	15.43	40.52	649	3.69	5.27	11.31	14.94	11.72	2.79	.81	2.32 AMP
				270.39	300.65	321.05	35.23	247.40	287.23	320.33	65.92 PHASE
397	16.15	42.14	651	3.67	5.56	12.54	15.41	10.80	1.54	.67	2.24 AMP
				280.02	293.20	316.33	30.49	252.32	283.03	326.30	54.13 PHASE
398	12.12	20.26	650	6.69	2.93	1.25	4.97	6.76	3.92	2.55	1.10 AMP
				160.61	300.79	298.42	54.7	265.21	290.48	305.03	83.54 PHASE
399	11.27	30.72	650	5.86	3.69	2.52	6.74	9.43	6.20	2.47	1.89 AMP
				164.46	306.25	309.00	50.89	238.21	262.63	305.07	73.84 PHASE
400	10.98	30.95	650	4.50	3.52	3.79	7.90	10.11	6.84	2.25	2.83 AMP
				172.23	302.52	308.30	33.90	225.11	272.64	290.17	49.54 PHASE
401	12.57	33.46	649	2.76	4.00	5.33	10.81	10.84	3.72	1.65	2.34 AMP
				190.86	306.90	327.50	52.36	238.21	304.45	316.43	93.67 PHASE
402	14.72	40.58	650	1.66	4.70	7.38	13.93	12.20	3.78	.91	2.50 AMP
				242.51	301.56	326.72	47.05	223.13	282.67	302.64	79.66 PHASE
403	15.92	44.06	650	1.93	5.12	8.76	15.02	12.35	3.80	.54	1.92 AMP
				275.21	293.70	322.05	40.41	210.41	282.93	300.40	57.56 PHASE

TABLE VII.- Concluded

(g) Concluded

TORSION 75 PERCENT RADIUS											
RUN NO 15											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
385	1.89	8.16	649	4.55	2.82	.28	.93	1.21	.15	.62	.14 AMP
386	.36	8.34	650	316.90	115.88	156.29	291.18	314.62	146.58	45.98	91.63 PHASE
387	-1.24	8.82	650	4.71	2.82	.34	.96	1.38	.16	.58	.84 AMP
388	-2.73	9.25	650	326.29	124.71	184.24	294.53	318.18	121.28	47.42	55.12 PHASE
389	-4.19	10.10	650	4.93	2.11	.49	.97	1.28	.16	.44	.85 AMP
390	-5.74	11.14	649	338.21	135.55	202.89	297.38	324.57	132.38	66.05	359.81 PHASE
391	1.62	6.73	650	5.36	2.89	.48	.92	1.13	.16	.46	.89 AMP
392	.17	7.13	650	344.28	132.43	183.14	282.86	299.47	73.18	19.89	2.16 PHASE
393	-1.38	8.87	650	6.13	1.95	.45	.95	1.25	.42	.39	.88 AMP
394	-2.67	8.51	650	351.49	137.22	168.39	295.81	308.21	49.17	33.78	357.46 PHASE
395	-4.25	9.96	650	7.32	1.51	.55	.92	1.47	.70	.45	.14 AMP
396	-5.83	10.60	649	354.63	138.88	97.31	326.86	321.18	42.44	28.98	302.35 PHASE
397	-5.88	10.92	651	3.93	1.51	.12	.85	1.12	.14	.47	.17 AMP
398	1.37	5.44	650	315.44	121.18	137.92	291.84	308.57	183.23	58.47	359.16 PHASE
399	-1.11	5.82	650	4.86	1.41	.16	.92	1.15	.18	.48	.27 AMP
400	-1.53	5.94	650	326.83	129.58	188.14	298.17	312.32	138.56	56.72	346.67 PHASE
401	-3.84	7.38	649	4.34	1.44	.23	1.01	1.07	.18	.42	.32 AMP
402	-4.58	8.66	650	336.88	140.33	197.47	299.29	318.82	133.97	57.64	351.86 PHASE
403	-5.45	9.28	650	4.72	1.53	.41	1.02	1.18	.15	.38	.38 AMP
				342.56	148.18	183.48	282.68	289.38	184.18	27.16	328.87 PHASE
				5.28	1.74	.67	1.18	1.25	.32	.35	.41 AMP
				351.36	142.64	182.87	277.86	292.78	72.72	45.84	312.88 PHASE
				5.68	1.83	.81	1.12	1.33	.35	.38	.42 AMP
				354.78	143.72	178.38	271.42	294.85	64.68	55.14	318.18 PHASE
				6.12	1.94	.88	1.07	1.33	.47	.47	.43 AMP
				357.27	142.81	178.93	269.84	292.49	59.28	68.32	314.87 PHASE
				3.52	.87	.12	.74	.98	.86	.36	.17 AMP
				314.49	126.49	148.87	294.45	308.94	198.31	51.94	351.44 PHASE
				3.54	.88	.28	.86	.95	.88	.38	.19 AMP
				325.73	133.49	193.96	286.74	299.78	184.23	38.47	315.32 PHASE
				3.83	.98	.24	.88	.77	.14	.26	.14 AMP
				333.55	153.56	188.85	276.49	283.44	182.12	353.44	299.33 PHASE
				4.38	1.12	.45	1.02	.93	.13	.22	.27 AMP
				347.57	167.35	285.35	288.85	308.87	73.65	21.84	314.13 PHASE
				4.92	1.34	.79	1.19	1.14	.38	.11	.33 AMP
				354.65	166.78	198.28	274.57	297.97	58.99	32.58	289.88 PHASE
				5.33	1.51	.99	1.26	1.23	.89	.38	.38 AMP
				356.26	161.85	192.87	262.64	293.28	46.65	35.63	276.58 PHASE

PITCH LINK											
RUN NO 15											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
385	-4.79	12.88	649	5.92	1.28	1.29	2.35	2.71	.98	1.51	.78 AMP
386	-3.29	13.16	650	168.85	328.78	156.68	73.37	168.98	199.71	36.97	158.84 PHASE
387	-1.75	14.83	650	5.96	1.87	1.77	2.57	2.76	.88	1.51	.48 AMP
388	-.89	15.78	650	175.88	337.56	158.97	79.88	178.29	281.59	28.64	172.33 PHASE
389	1.71	16.58	650	6.38	1.83	1.98	2.47	2.85	.41	1.38	.45 AMP
390	3.84	21.76	649	186.19	1.95	162.86	83.66	179.48	223.96	46.88	188.98 PHASE
391	-3.78	9.69	650	7.38	.68	2.39	2.32	3.81	.52	1.14	.58 AMP
392	-2.39	10.97	650	187.77	356.12	159.88	59.72	157.48	179.45	16.42	188.88 PHASE
393	-1.11	12.43	650	8.93	.34	2.78	2.83	3.98	.82	.43	.56 AMP
394	.13	14.59	650	192.63	4.43	168.17	64.52	166.12	197.88	335.34	228.75 PHASE
395	1.62	15.38	650	111.37	.58	3.98	3.32	5.14	1.82	1.55	.94 AMP
396	2.41	15.87	649	196.29	176.22	168.99	64.69	174.18	216.69	266.83	255.55 PHASE
397	3.33	16.74	651	3.24	.44	2.39	1.97	2.33	.68	1.31	.21 AMP
398	-2.76	7.98	650	164.24	9.35	145.84	63.68	154.86	174.96	52.72	78.36 PHASE
399	-1.53	9.86	650	3.61	.55	2.78	2.85	2.53	.98	1.16	.27 AMP
400	-.12	9.62	650	176.45	54.52	146.94	67.28	159.98	173.91	47.79	37.43 PHASE
401	1.09	12.67	649	4.86	.91	2.97	2.81	2.71	.63	1.15	.45 AMP
402	2.58	12.43	650	187.73	72.92	147.11	66.66	161.62	166.68	52.18	46.72 PHASE
403	3.37	13.39	650	4.78	1.12	3.18	2.26	2.98	.71	1.82	.37 AMP
				192.48	71.62	136.64	58.58	146.38	144.21	38.67	23.73 PHASE
				5.85	1.19	3.14	2.71	3.16	.67	1.83	.37 AMP
				281.26	66.84	133.97	55.93	153.37	144.87	45.36	341.72 PHASE
				6.88	1.13	3.88	3.85	3.42	.82	.78	.39 AMP
				283.72	63.71	129.96	56.98	154.48	158.23	46.54	355.41 PHASE
				7.76	1.87	3.26	3.23	3.54	.89	.78	.33 AMP
				284.75	59.27	138.35	54.38	154.92	166.83	54.53	325.72 PHASE
				1.75	1.82	2.72	1.45	2.89	.47	1.84	.25 AMP
				152.83	88.18	143.23	55.18	155.45	174.99	55.98	11.86 PHASE
				2.87	1.39	2.93	1.57	2.48	.51	.97	.28 AMP
				173.73	82.14	138.84	48.82	144.98	159.42	39.89	8.34 PHASE
				2.89	1.59	2.87	1.57	2.63	.52	.94	.31 AMP
				198.82	76.28	127.86	39.63	129.47	141.67	8.18	18.49 PHASE
				3.65	1.94	3.28	1.77	2.98	.49	.92	.33 AMP
				288.81	85.88	139.29	57.69	153.16	158.82	39.49	353.88 PHASE
				5.81	1.87	3.12	2.25	3.82	.43	.85	.27 AMP
				285.98	79.96	127.72	61.47	153.87	158.93	33.31	388.33 PHASE
				5.98	1.89	3.18	2.55	3.19	.37	.75	.14 AMP
				286.25	75.63	113.94	68.32	149.51	144.35	8.85	281.63 PHASE

TABLE VIII.- ROTOR PERFORMANCE AND BLADE LOADS DATA FOR BASELINE  
BLADE WITH SWEPT TIP AND 0° TABS

(a)  $\mu = 0.20$ ;  $M_T = 0.65$

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CQ/SIGMA
440	.1	.0	-0.0	.01223	.00117	.00117
441	-.6	.9	2.0	.02776	.00112	.00120
442	-1.3	2.1	4.0	.04159	.00072	.00140
443	-1.7	2.9	5.8	.05362	.00032	.00168
444	-1.7	4.1	7.9	.06837	-.00018	.00220
445	-2.0	3.9	10.2	.08693	.00083	.00274
446	-2.5	4.6	12.0	.10006	.00061	.00332
447	-3.1	5.4	13.9	.11379	.00008	.00456
448	-3.3	5.5	15.2	.12232	.00067	.00527
449	-3.8	6.2	15.9	.12547	-.00053	.00580
450	-.1	.5	.1	.02704	.00459	.00080
451	-.7	1.6	2.0	.04144	.00568	.00074
452	-1.3	2.2	3.9	.05583	.00685	.00079
453	-1.6	2.8	5.9	.07021	.00811	.00095
454	-1.9	3.3	7.9	.08545	.00953	.00128
455	-2.2	3.8	10.0	.10048	.01099	.00179
456	-2.8	4.3	11.8	.11309	.01190	.00243
457	-3.6	5.8	13.8	.12513	.01106	.00377
458	-3.8	6.1	14.9	.13178	.01188	.00441
459	-.4	.9	2.0	.01440	-.00011	.00149
460	-1.1	1.7	3.9	.02741	-.00155	.00177
461	-1.5	2.5	6.1	.04433	-.00314	.00226
462	-1.7	3.8	7.9	.05461	-.00473	.00289
463	-1.9	3.9	9.9	.07115	-.00575	.00356
464	-2.3	4.4	12.0	.08594	-.00694	.00440
465	-2.9	5.0	13.8	.09854	-.00825	.00533
466	-3.5	5.9	15.7	.11171	-.01013	.00656
467	-3.5	5.9	17.0	.11854	-.01004	.00727
468	-.7	1.6	4.0	.01334	-.00135	.00164
469	-1.1	2.5	5.9	.02661	-.00403	.00228
470	-1.5	2.9	8.0	.04179	-.00669	.00309
471	-2.0	3.7	10.0	.05614	-.00966	.00398
472	-2.5	4.4	12.0	.07049	-.01257	.00500
473	-2.8	4.9	13.8	.08398	-.01463	.00602
474	-3.4	5.7	16.1	.09824	-.01804	.00740
475	-3.6	6.1	18.0	.11158	-.01959	.00876
476	-3.9	6.2	18.6	.11637	-.02043	.00943

TABLE VIII.- Continued

(a) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
440	42.35	13.88	600	4.57	3.63	4.43	.68	3.28	.36	.78	1.38 AMP
441	44.28	11.66	600	166.93	288.79	71.52	287.28	187.28	253.12	198.62	349.51 PHASE
442	46.85	11.55	600	4.71	3.26	3.86	1.18	2.67	.43	.55	386.87 PHASE
443	47.39	18.36	600	162.38	276.64	54.22	268.75	89.97	276.44	192.85	386.87 PHASE
444	49.17	9.47	600	4.93	2.86	3.38	1.38	2.87	.33	.33	1.89 AMP
445	51.25	7.33	600	157.46	275.28	37.87	268.32	87.85	259.78	281.88	388.72 PHASE
446	52.69	9.94	607	4.57	2.48	2.99	1.66	2.51	.51	.27	1.89 AMP
447	54.24	13.99	608	168.22	285.86	33.99	262.31	187.52	279.75	256.74	321.25 PHASE
448	55.33	16.27	608	4.15	2.84	2.97	2.25	1.89	.71	.47	1.24 AMP
449	55.72	16.67	608	159.19	381.97	17.55	259.58	129.81	274.33	272.48	343.52 PHASE
450	43.28	11.83	608	2.55	1.91	2.51	2.65	1.26	.51	.18	.93 AMP
451	44.89	11.69	608	147.81	382.11	352.49	235.21	96.21	231.63	324.83	335.14 PHASE
452	46.41	11.39	608	1.67	1.97	2.32	3.18	1.72	.59	.29	.89 AMP
453	47.94	18.88	608	119.84	336.92	358.81	254.86	148.54	239.26	216.32	92.18 PHASE
454	49.67	9.42	609	2.88	2.58	2.58	4.19	2.13	.88	.56	1.73 AMP
455	51.32	11.78	608	64.12	347.74	389.82	238.98	149.52	196.13	168.89	53.38 PHASE
456	52.81	16.15	607	3.27	2.92	2.98	4.81	2.42	1.31	.81	2.11 AMP
457	54.58	18.95	609	48.41	356.31	292.47	234.67	177.34	187.88	173.76	76.88 PHASE
458	55.18	28.92	608	3.93	3.56	3.84	4.95	2.23	1.26	.71	2.33 AMP
459	43.14	11.76	608	48.86	4.46	283.84	229.48	173.81	198.84	175.28	44.71 PHASE
460	44.88	11.79	608	5.38	3.88	3.76	2.28	2.71	.55	.81	.61 AMP
461	46.88	11.92	608	164.56	292.24	88.45	98.81	183.29	382.68	235.76	176.31 PHASE
462	48.38	12.79	608	5.59	3.66	3.31	1.11	2.31	.49	.57	.36 AMP
463	58.87	12.56	608	161.38	285.11	76.27	233.18	95.71	292.88	235.48	342.45 PHASE
464	51.97	13.99	618	5.27	3.45	3.18	4.46	2.36	.41	.16	.93 AMP
465	53.61	14.79	608	161.23	283.48	63.76	232.78	94.56	291.35	284.55	358.77 PHASE
466	55.48	15.37	608	4.78	3.84	2.91	5.88	2.45	.39	.89	1.38 AMP
467	56.39	16.26	608	168.12	288.87	58.68	213.85	89.85	271.39	162.48	7.97 PHASE
468	44.83	8.45	608	3.86	2.74	2.48	1.29	1.86	.38	.52	1.27 AMP
469	45.84	9.25	588	159.38	286.39	68.42	223.42	125.46	184.81	156.47	51.81 PHASE
470	47.73	9.38	608	2.58	2.32	1.36	2.47	2.86	1.85	.98	1.44 AMP
471	49.58	8.35	608	148.75	295.57	59.19	236.77	171.82	189.88	179.87	123.85 PHASE
472	51.55	9.65	608	1.84	2.84	.37	3.57	2.42	1.83	1.51	1.96 AMP
473	53.38	18.78	608	114.49	383.56	359.43	234.72	184.34	168.68	178.69	125.28 PHASE
474	55.35	11.89	608	2.35	2.52	1.95	4.98	3.33	2.34	1.25	2.24 AMP
475	57.15	13.79	607	65.57	328.28	268.58	248.43	285.34	176.31	198.18	137.17 PHASE
476	58.83	15.44	608	3.41	3.18	3.21	5.38	3.81	2.73	.71	1.98 AMP
				58.92	337.61	261.36	244.82	284.96	179.83	184.27	78.24 PHASE
				4.87	2.53	4.14	1.52	3.98	.79	1.38	.68 AMP
				161.78	284.15	51.28	289.65	118.92	325.88	241.99	59.61 PHASE
				4.28	2.24	3.93	1.83	3.86	.95	1.27	1.72 AMP
				153.52	288.26	25.93	263.36	85.85	297.86	283.28	14.48 PHASE
				4.19	1.91	3.68	2.17	3.41	1.23	1.81	2.43 AMP
				155.62	286.96	18.93	252.75	75.72	288.19	199.56	18.24 PHASE
				4.23	1.37	3.43	2.33	3.16	1.66	.85	2.86 AMP
				152.91	387.53	359.25	249.51	63.63	273.52	189.88	.96 PHASE
				3.17	1.19	3.58	2.78	2.61	1.98	.63	3.45 AMP
				153.84	348.92	.56	258.19	48.12	282.94	213.35	8.37 PHASE
				2.13	1.44	3.25	3.38	3.33	2.33	.16	3.83 AMP
				127.75	2.43	329.86	226.89	18.48	258.74	169.62	328.94 PHASE
				1.98	2.18	3.15	3.62	3.63	2.58	.11	3.76 AMP
				98.17	24.87	326.42	237.94	38.88	273.88	184.12	351.28 PHASE
				3.85	3.16	3.17	4.88	3.49	2.62	.25	4.81 AMP
				59.85	34.92	389.55	225.28	21.38	258.28	133.43	342.86 PHASE
				4.48	3.78	3.27	4.44	2.54	2.58	.12	4.28 AMP
				42.33	38.21	298.36	288.84	13.63	234.86	162.19	327.19 PHASE
				3.67	1.34	2.72	.88	2.54	.62	.68	1.38 AMP
				158.85	286.74	23.88	263.37	74.14	287.94	197.28	8.55 PHASE
				4.86	1.22	2.68	.94	2.34	.59	.54	1.49 AMP
				147.83	296.18	18.23	257.28	68.94	271.74	181.57	357.16 PHASE
				3.84	1.11	2.66	1.17	2.25	.81	.41	1.56 AMP
				147.38	319.96	1.78	258.28	48.52	262.74	163.91	343.25 PHASE
				3.55	1.89	2.51	1.23	1.99	.88	.26	1.84 AMP
				144.55	355.21	5.59	259.11	46.38	281.75	218.42	5.56 PHASE
				3.89	1.54	2.46	1.43	2.48	.97	.21	2.13 AMP
				128.54	18.97	342.31	236.81	14.76	248.81	188.52	326.64 PHASE
				2.69	2.23	2.45	1.67	2.82	1.84	.58	2.18 AMP
				185.85	21.82	321.33	229.82	9.68	248.73	85.14	311.18 PHASE
				3.27	3.18	2.87	1.93	2.77	1.18	.72	2.19 AMP
				69.57	25.45	288.77	289.45	349.82	213.97	67.89	277.37 PHASE
				5.17	4.29	3.54	2.38	2.56	1.41	.76	2.59 AMP
				48.83	35.74	288.25	284.42	351.73	215.41	71.42	289.37 PHASE
				6.37	4.81	3.84	2.73	2.58	1.51	1.87	2.81 AMP
				48.95	32.82	265.53	185.53	334.46	196.88	48.82	262.17 PHASE



TABLE VIII.- Continued

(a) Continued

CHORDWISE 25 PERCENT RADIUS											
RUN NO		16									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
440	65.36	11.36	608	5.56	2.11	7.73	8.86	2.26	2.58	5.53	2.29
441	62.97	14.33	608	254.21	93.19	252.92	38.97	154.81	241.29	295.79	349.81
442	61.58	21.15	608	5.64	2.18	1.87	5.54	4.84	4.84	3.33	5.53
443	68.48	38.18	608	267.59	186.77	268.23	3.37	141.14	258.88	338.65	314.18
444	58.66	43.83	608	9.82	2.96	3.42	8.87	1.42	5.76	1.37	4.45
445	56.88	68.41	608	275.91	188.84	246.41	338.31	173.16	299.26	334.46	326.23
446	53.57	77.83	607	18.42	6.39	3.75	1.65	2.17	4.62	2.58	2.88
447	58.94	95.38	608	381.38	188.47	233.18	313.29	255.22	357.39	2.92	342.96
448	48.98	184.98	608	31.78	9.28	6.32	3.88	1.95	2.79	2.78	5.56
449	48.79	118.16	608	328.41	184.28	199.87	316.22	291.24	73.37	38.87	332.15
450	57.23	17.47	608	45.67	18.55	12.88	3.16	2.19	1.85	2.13	2.23
451	55.89	21.62	608	336.39	181.13	189.88	381.65	23.36	26.44	278.28	389.73
452	54.53	31.95	608	58.83	18.48	15.87	4.61	2.32	2.14	3.58	2.25
453	52.21	48.44	608	349.13	118.89	215.42	314.86	187.77	49.31	328.82	313.49
454	49.63	51.32	609	72.37	9.88	17.17	7.88	1.24	1.95	3.56	8.87
455	46.73	68.91	608	348.74	95.22	286.87	295.78	68.41	4.18	288.77	314.75
456	44.39	88.66	607	82.27	9.38	17.58	7.54	7.6	6.42	2.93	8.85
457	43.92	98.82	609	356.38	184.18	214.48	385.46	5.68	358.56	279.77	244.39
458	42.82	189.83	608	85.91	8.38	18.13	7.45	1.15	5.39	2.27	1.81
459	36.88	15.17	608	354.55	181.85	211.33	382.76	71.85	5.54	277.78	288.64
460	35.94	18.54	608	8.69	2.77	2.27	1.87	1.15	1.58	.82	6.63
461	35.91	21.32	608	263.35	112.81	262.52	85.55	261.79	256.28	63.11	287.58
462	35.76	32.73	608	12.74	3.18	4.87	1.88	1.61	2.78	.48	.21
463	35.67	49.68	608	271.44	184.18	254.81	77.93	248.29	281.89	22.58	67.83
464	35.57	78.26	618	19.41	5.54	4.52	.53	1.84	5.67	1.32	4.45
465	35.55	83.97	608	289.53	97.54	273.42	48.64	258.79	339.77	352.65	88.14
466	35.53	112.79	608	28.18	8.97	2.41	1.49	2.64	5.72	1.82	5.53
467	35.41	12.77	608	388.81	98.87	284.58	322.58	283.67	24.35	28.68	26.29
468	35.39	12.77	608	39.88	11.36	5.55	2.28	2.34	3.68	.68	.81
469	35.38	12.36	608	327.58	118.44	282.68	341.64	343.85	36.33	188.31	53.28
470	35.36	12.36	608	53.56	12.26	18.58	3.14	2.18	3.24	1.68	.49
471	35.35	12.36	608	342.72	114.84	218.32	322.75	73.99	73.58	276.58	86.21
472	35.34	12.36	608	64.12	12.91	13.84	4.68	2.87	1.56	2.73	.42
473	35.33	12.36	608	347.61	189.73	219.89	311.34	119.19	275.97	249.21	134.17
474	35.32	12.36	608	77.58	13.18	14.44	6.28	1.82	4.24	4.18	1.82
475	35.31	12.36	608	348.85	183.18	211.46	384.28	137.66	317.87	265.59	264.83
476	35.30	12.36	608	86.11	13.31	14.88	5.57	2.85	8.25	2.21	2.21
477	35.29	12.36	608	353.68	185.25	216.86	386.33	189.97	334.88	237.81	276.48
478	35.28	12.36	608	3.81	1.72	1.97	.58	2.36	6.81	.85	.34
479	35.27	12.36	608	273.88	118.55	272.43	39.79	183.63	271.55	3.72	122.22
480	35.26	12.36	608	4.47	2.52	2.64	.85	2.78	7.78	1.32	.66
481	35.25	12.36	608	282.86	93.65	249.99	348.88	66.81	254.85	313.36	54.89
482	35.24	12.36	608	9.87	5.23	4.27	1.14	2.14	7.76	2.42	1.81
483	35.23	12.36	608	299.14	95.18	228.84	328.88	333.17	298.28	318.62	73.85
484	35.22	12.36	608	20.48	7.27	5.47	1.96	3.36	2.68	2.34	.69
485	35.21	12.36	608	311.58	97.28	198.28	312.91	388.19	347.55	348.21	78.24
486	35.20	12.36	608	32.97	8.28	18.43	3.83	4.93	1.22	.58	1.89
487	35.19	12.36	608	335.84	181.75	194.88	338.92	343.87	183.12	229.48	64.58
488	35.18	12.36	608	48.91	7.36	15.26	3.54	3.38	.95	2.56	.99
489	35.17	12.36	608	342.24	85.37	198.57	384.14	336.45	186.98	232.28	.23
490	35.16	12.36	608	61.59	6.42	17.83	4.79	1.72	1.38	3.27	.82
491	35.15	12.36	608	351.21	81.78	288.59	313.51	348.83	142.34	286.49	38.62
492	35.14	12.36	608	77.64	6.51	19.51	5.88	1.87	1.51	3.76	.73
493	35.13	12.36	608	352.53	68.68	287.64	318.42	388.85	93.84	284.59	28.38
494	35.12	12.36	608	87.73	6.38	19.49	6.29	3.38	3.55	2.77	.25
495	35.11	12.36	608	355.32	53.78	284.94	386.38	262.84	357.32	245.53	63.95
496	35.10	12.36	608	2.48	1.24	2.38	5.58	2.47	3.18	.57	.48
497	35.09	12.36	608	297.62	118.98	249.82	47.73	34.55	256.93	328.71	79.48
498	35.08	12.36	608	4.39	2.25	3.45	.89	2.88	4.14	.78	.59
499	35.07	12.36	608	382.85	97.47	237.66	18.98	353.78	274.96	327.23	68.68
500	35.06	12.36	608	18.89	4.37	4.33	1.48	3.88	4.86	1.13	.38
501	35.05	12.36	608	318.71	99.23	283.83	346.87	382.22	315.24	358.41	65.88
502	35.04	12.36	608	22.61	5.22	8.23	2.89	3.72	.92	.74	.53
503	35.03	12.36	608	336.58	118.19	198.25	4.68	339.82	388.82	112.43	63.88
504	35.02	12.36	608	35.98	4.68	12.42	2.68	3.89	.45	1.82	.62
505	35.01	12.36	608	343.28	182.12	191.24	349.95	336.35	48.84	223.24	21.62
506	35.00	12.36	608	51.66	2.86	16.86	2.98	1.49	1.93	.72	.78
507	34.99	12.36	608	349.88	85.76	196.47	333.23	324.68	92.53	278.85	23.86
508	34.98	12.36	608	69.71	2.47	18.73	3.98	2.12	3.15	1.59	.64
509	34.97	12.36	608	358.84	43.32	198.48	314.38	226.58	45.31	381.45	1.19
510	34.96	12.36	608	98.89	3.15	19.84	4.53	6.79	4.89	.97	.32
511	34.95	12.36	608	357.81	18.89	283.16	331.78	245.18	25.53	144.84	341.31
512	34.94	12.36	608	98.71	3.16	18.53	4.31	8.13	5.19	1.75	.19
513	34.93	12.36	608	357.78	2.73	192.26	318.52	233.84	5.62	163.89	3.64

TABLE VIII.- Continued

(a) Continued

TORSION 20 PERCENT RADIUS												
RUN NO 16												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
440	4.60	5.52	600	3.19	2.19	.82	.51	.47	.58	.61	.31	AMP
441	2.45	5.24	600	293.37	111.97	61.30	301.21	114.52	162.95	202.52	334.29	PHASE
442	.49	4.90	600	2.72	2.00	.74	.60	.16	.44	.47	.38	AMP
443	-1.20	5.20	600	303.34	100.06	51.72	272.34	119.60	145.43	271.20	324.26	PHASE
444	-3.59	6.55	600	2.50	1.94	.73	.78	.05	.43	.52	.39	AMP
445	-6.15	7.40	600	317.45	94.04	47.04	249.05	348.41	130.31	295.06	330.37	PHASE
446	-8.39	9.13	607	2.55	1.87	.56	1.00	.04	.38	.40	.43	AMP
447	-10.79	12.06	608	335.20	92.25	72.07	242.33	343.45	102.94	325.61	9.01	PHASE
448	-12.49	13.82	608	3.12	2.00	.50	1.60	.21	.29	.61	.62	AMP
449	-13.43	15.37	608	352.24	86.57	114.32	236.32	215.00	202.41	353.11	26.36	PHASE
450	3.56	5.13	608	4.05	2.30	.68	2.04	.44	.28	.70	.65	AMP
451	1.50	4.02	608	1.00	73.01	141.36	220.10	253.55	312.32	330.43	356.93	PHASE
452	-4.2	4.56	608	5.20	2.67	1.03	2.44	.56	.74	1.11	.65	AMP
453	-2.55	5.00	608	12.24	02.15	173.35	242.72	304.44	1.63	10.99	72.49	PHASE
454	-5.05	6.04	609	6.06	3.21	1.53	2.97	.69	1.16	1.20	1.19	AMP
455	-7.67	9.59	608	9.94	71.62	176.07	226.03	305.91	352.74	1.05	57.67	PHASE
456	-9.95	11.62	607	8.20	3.36	1.00	3.15	.69	1.37	1.44	1.30	AMP
457	-12.62	13.14	609	12.00	74.96	201.92	239.31	319.15	7.07	6.09	71.06	PHASE
458	-14.27	15.29	608	9.06	3.59	2.07	3.22	1.01	1.66	1.73	1.69	AMP
459	2.69	4.01	608	10.03	72.52	203.30	239.26	333.11	4.04	357.56	50.32	PHASE
460	1.00	4.47	600	2.05	2.20	.74	.33	.56	.13	.24	.31	AMP
461	-1.16	4.56	608	310.50	111.13	74.90	325.12	62.30	193.05	292.17	249.57	PHASE
462	-2.99	5.33	608	2.61	2.00	.72	.26	.45	.22	.22	.12	AMP
463	-5.21	7.20	608	322.07	103.35	79.93	291.34	46.27	146.59	301.01	20.50	PHASE
464	-7.66	8.70	610	2.50	2.09	.74	.36	.33	.35	.26	.29	AMP
465	-9.64	10.13	608	336.55	94.71	91.12	227.31	27.97	165.05	330.63	50.34	PHASE
466	-11.04	11.94	608	2.91	2.21	.79	.30	.44	.30	.54	.54	AMP
467	-13.17	14.40	608	349.73	85.54	112.00	216.56	351.00	203.14	320.61	47.63	PHASE
468	-14.51	15.71	608	3.00	2.42	.92	1.32	.21	.29	.33	.53	AMP
469	-15.71	16.91	608	359.04	04.06	147.40	231.70	295.76	257.04	345.10	77.59	PHASE
470	-16.91	18.11	608	5.13	2.76	1.30	2.03	.31	.09	.23	.35	AMP
471	-18.11	19.31	608	5.44	06.93	103.19	240.23	310.10	24.50	22.93	139.27	PHASE
472	-19.31	20.51	608	6.40	3.01	1.00	2.20	.31	.27	.40	.31	AMP
473	-20.51	21.71	608	7.37	06.36	190.39	245.67	106.71	173.79	300.23	139.66	PHASE
474	-21.71	22.91	608	8.20	3.22	2.00	2.46	.43	.26	1.11	.19	AMP
475	-22.91	24.11	608	7.50	01.76	216.06	250.40	176.26	321.00	323.01	235.10	PHASE
476	-24.11	25.31	608	9.02	2.01	2.19	2.70	.69	1.12	1.03	.89	AMP
477	-25.31	26.51	608	6.63	00.47	250.14	265.57	179.44	320.11	350.55	76.09	PHASE
478	-26.51	27.71	608	2.76	1.96	.60	.59	.56	.39	.56	.03	AMP
479	-27.71	28.91	608	294.94	99.71	52.10	202.25	102.05	146.79	304.50	341.57	PHASE
480	-28.91	30.11	608	2.44	1.77	.47	.72	.38	.34	.60	.22	AMP
481	-30.11	31.31	608	305.99	07.03	30.07	252.16	67.56	92.03	275.04	56.50	PHASE
482	-31.31	32.51	608	2.30	1.63	.35	.96	.31	.27	.72	.59	AMP
483	-32.51	33.71	608	330.02	02.34	60.74	233.16	2.17	04.27	305.20	67.31	PHASE
484	-33.71	34.91	608	2.71	1.50	.31	1.27	.60	.00	.02	.02	AMP
485	-34.91	36.11	608	345.26	76.07	104.02	229.20	345.64	49.03	315.06	60.42	PHASE
486	-36.11	37.31	608	3.43	1.79	.49	1.74	.07	.52	1.30	1.30	AMP
487	-37.31	38.51	608	2.04	75.13	164.72	237.10	327.00	4.19	341.46	63.34	PHASE
488	-38.51	39.71	608	4.49	2.15	.70	2.10	1.49	.74	1.00	.60	AMP
489	-39.71	40.91	608	6.30	61.33	163.76	217.03	290.01	334.30	317.04	165.50	PHASE
490	-40.91	42.11	608	5.56	2.41	1.11	2.45	1.06	.97	1.09	1.72	AMP
491	-42.11	43.31	608	14.79	66.06	106.06	232.20	321.49	354.93	349.62	40.10	PHASE
492	-43.31	44.51	608	7.11	2.09	1.62	2.70	2.14	1.25	1.07	1.09	AMP
493	-44.51	45.71	608	16.10	63.06	105.10	225.60	319.31	350.30	343.53	39.22	PHASE
494	-45.71	46.91	608	0.44	3.33	2.13	2.95	2.34	1.70	1.27	.22	AMP
495	-46.91	48.11	608	14.70	61.61	105.19	210.14	310.37	356.64	339.24	22.00	PHASE
496	-48.11	49.31	608	2.37	1.47	.45	.60	.20	.23	.36	.24	AMP
497	-49.31	50.51	608	299.52	07.30	40.03	254.30	33.11	101.50	279.26	79.00	PHASE
498	-50.51	51.71	608	2.17	1.20	.32	.65	.24	.26	.39	.36	AMP
499	-51.71	52.91	608	317.32	01.06	40.16	244.34	351.04	76.45	203.10	73.34	PHASE
500	-52.91	54.11	608	2.21	1.17	.23	.04	.37	.23	.51	.40	AMP
501	-54.11	55.31	608	339.52	75.24	77.75	233.25	330.03	94.59	200.25	40.91	PHASE
502	-55.31	56.51	608	2.60	1.26	.31	1.11	.47	.27	.46	.63	AMP
503	-56.51	57.71	608	360.00	75.40	139.11	244.13	320.55	43.95	325.03	66.31	PHASE
504	-57.71	58.91	608	3.50	1.39	.51	1.32	.00	.34	.39	.73	AMP
505	-58.91	60.11	608	0.23	63.21	154.36	227.95	310.00	15.27	297.91	31.21	PHASE
506	-60.11	61.31	608	4.56	1.61	.73	1.47	.97	.30	.70	.70	AMP
507	-61.31	62.51	608	13.00	59.31	172.13	221.99	300.67	1.17	263.70	17.26	PHASE
508	-62.51	63.71	608	5.99	1.90	.93	1.59	1.12	.60	.29	.06	AMP
509	-63.71	64.91	608	15.42	52.61	177.14	201.69	291.24	332.10	219.66	343.93	PHASE
510	-64.91	66.11	607	7.60	2.40	1.23	1.01	1.21	1.04	.22	1.06	AMP
511	-66.11	67.31	608	19.94	56.19	190.95	203.45	292.49	337.43	304.09	5.04	PHASE
512	-67.31	68.51	608	8.70	2.66	1.34	1.00	1.21	1.21	1.04	1.00	AMP
513	-68.51	69.71	608	10.30	52.00	107.02	107.50	203.70	327.23	356.19	336.26	PHASE

TABLE VIII.- Continued

(a) Continued

FLAPWISE 37 PERCENT RADIUS											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
440	25.59	15.17	600	6.96	5.56	4.67	.81	1.50	.24	.12	.37 AMP
441	27.34	14.39	600	148.53	284.10	62.10	282.97	111.71	283.43	265.40	171.31 PHASE
442	29.04	14.26	600	7.44	5.13	4.27	1.09	1.25	.22	.09	.28 AMP
443	30.52	14.05	600	147.92	278.82	43.01	278.01	88.84	287.67	218.55	143.55 PHASE
444	32.38	14.11	600	7.94	4.78	3.92	1.30	1.42	.17	.25	.14 AMP
445	34.33	14.39	600	147.75	277.00	26.03	267.82	86.17	260.69	182.38	135.00 PHASE
446	35.04	15.68	607	8.22	4.48	4.04	1.44	1.19	.29	.23	.31 AMP
447	37.58	16.21	600	151.39	288.84	21.48	274.72	113.90	284.77	225.66	149.76 PHASE
448	38.70	15.82	600	8.84	4.12	4.38	1.97	.69	.37	.15	.43 AMP
449	39.36	16.04	600	153.27	283.50	8.02	268.34	151.03	290.83	222.25	178.12 PHASE
450	25.93	15.44	600	8.99	3.68	4.38	2.18	.24	.32	.36	.36 AMP
451	27.65	15.17	600	150.68	276.24	346.96	245.56	107.54	251.29	188.52	148.26 PHASE
452	29.22	15.61	600	9.05	3.73	4.45	2.52	.54	.19	.31	.26 AMP
453	30.81	15.44	600	156.47	293.24	355.62	265.68	167.70	247.48	231.38	246.49 PHASE
454	32.59	15.10	609	9.07	3.47	4.52	3.03	.91	.27	.27	.30 AMP
455	34.37	14.10	600	150.27	293.45	330.72	240.92	162.80	189.93	202.16	228.33 PHASE
456	36.01	14.07	607	8.87	3.65	4.37	3.50	1.32	.50	.31	.57 AMP
457	37.90	14.47	609	150.24	303.51	321.28	245.00	189.25	195.70	201.04	250.52 PHASE
458	38.60	15.83	600	8.99	3.68	4.25	3.62	1.40	.70	.36	.62 AMP
459	27.54	13.89	600	147.20	311.01	316.24	237.46	184.11	195.07	182.14	215.75 PHASE
460	29.16	13.61	600	8.10	5.91	3.77	.23	1.33	.26	.17	.17 AMP
461	31.00	13.68	600	147.71	294.74	73.58	292.01	102.98	325.26	283.23	331.43 PHASE
462	32.66	15.17	600	8.61	5.76	3.56	.41	1.05	.10	.13	.07 AMP
463	34.28	15.36	600	147.60	287.79	59.47	283.54	92.18	323.74	230.07	200.90 PHASE
464	36.22	15.02	610	8.90	5.65	3.45	.71	1.10	.25	.23	.20 AMP
465	37.03	16.68	600	148.51	282.41	45.01	266.14	96.61	258.52	210.11	168.36 PHASE
466	39.64	17.03	600	9.29	5.38	3.31	.75	1.01	.31	.19	.44 AMP
467	40.51	16.54	600	148.71	276.06	34.62	256.57	94.86	263.14	211.65	183.44 PHASE
468	29.14	10.37	600	9.51	5.15	3.23	1.26	.79	.28	.44	.44 AMP
469	30.77	10.69	600	152.00	279.65	30.12	249.43	152.72	232.91	209.73	230.40 PHASE
470	32.44	11.91	600	9.54	4.82	2.92	1.99	1.11	.46	.26	.53 AMP
471	34.13	11.96	600	153.69	282.53	20.94	253.53	203.79	234.84	266.19	298.00 PHASE
472	36.05	12.74	600	9.51	4.68	2.62	2.65	1.48	.58	.24	.67 AMP
473	37.01	13.92	600	151.25	280.11	357.00	246.40	213.26	210.10	253.17	302.40 PHASE
474	39.05	15.14	600	9.41	4.63	3.16	3.72	2.30	.76	.21	.74 AMP
475	41.63	16.54	607	147.98	288.21	316.21	247.55	223.68	200.69	198.86	322.11 PHASE
476	42.44	17.31	600	9.46	5.31	3.85	4.04	2.60	.92	.37	.64 AMP
				146.69	290.20	301.00	250.03	224.07	201.15	176.40	261.35 PHASE
				6.77	4.30	4.67	1.36	1.05	.27	.03	.19 AMP
				146.76	285.91	46.65	291.87	123.00	5.92	222.53	238.30 PHASE
				7.15	4.03	4.61	1.63	1.90	.23	.05	.40 AMP
				143.93	278.01	21.67	266.21	88.98	330.93	103.89	197.14 PHASE
				7.72	3.78	4.73	1.75	1.75	.31	.11	.60 AMP
				147.34	278.24	7.38	260.55	81.95	259.66	191.42	190.77 PHASE
				8.33	3.09	4.89	1.79	1.56	.49	.16	.76 AMP
				147.00	282.14	357.47	254.72	68.54	265.97	210.79	171.00 PHASE
				8.65	2.71	5.30	2.00	1.41	.60	.16	.89 AMP
				152.92	287.18	350.58	257.78	42.10	207.04	209.92	185.07 PHASE
				8.92	2.00	5.24	2.29	2.05	.70	.31	1.06 AMP
				149.39	279.77	330.05	236.36	7.60	255.00	196.77	134.76 PHASE
				9.11	1.62	5.18	2.39	2.46	.68	.22	1.02 AMP
				153.07	300.14	344.32	247.98	29.40	278.40	214.86	162.36 PHASE
				9.38	1.19	5.24	2.54	2.50	.72	.17	1.06 AMP
				150.50	331.49	333.31	234.00	21.20	262.41	173.27	151.17 PHASE
				9.19	1.42	4.86	2.79	1.97	.92	.22	1.06 AMP
				146.71	345.23	320.25	215.89	13.94	217.81	144.26	140.34 PHASE
				6.29	2.67	3.50	.02	1.26	.21	.05	.31 AMP
				142.63	281.70	21.02	263.91	76.22	302.09	177.37	197.39 PHASE
				6.09	2.50	3.67	.92	1.20	.18	.12	.37 AMP
				143.48	283.42	9.05	261.35	65.07	248.60	181.63	185.69 PHASE
				7.43	2.39	3.95	1.00	1.10	.31	.16	.43 AMP
				145.57	288.98	350.14	253.44	56.26	234.91	170.94	165.41 PHASE
				7.92	2.00	4.19	.95	1.06	.32	.13	.47 AMP
				150.02	301.50	4.87	262.90	40.99	272.56	177.95	182.67 PHASE
				8.31	1.00	4.48	1.03	1.46	.31	.17	.61 AMP
				149.12	306.81	347.74	243.25	9.51	239.37	200.40	147.00 PHASE
				8.74	1.00	4.61	1.22	1.70	.34	.20	.62 AMP
				149.09	323.95	338.39	231.39	4.67	234.02	248.05	130.67 PHASE
				9.12	1.46	4.87	1.39	1.97	.37	.13	.67 AMP
				147.04	344.22	318.63	210.12	340.23	197.31	263.42	85.34 PHASE
				9.41	1.79	5.11	1.03	2.00	.44	.16	.84 AMP
				149.01	12.55	314.85	210.00	.15	201.05	114.10	105.64 PHASE
				9.44	1.92	5.16	2.13	2.00	.52	.26	.92 AMP
				145.62	16.49	299.32	193.24	345.75	181.54	110.09	80.49 PHASE

TABLE VIII.- Continued

(a) Continued

CHORDWISE 37 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
440	34.40	11.92	600	4.98	1.00	.19	1.23	.31	3.59	.72	.24 AMP
441	32.10	15.07	600	263.65	73.16	187.04	49.38	213.13	239.20	276.75	231.63 PHASE
442	30.30	22.74	600	5.91	2.37	1.10	1.00	.41	5.40	.61	.10 AMP
443	20.01	20.90	600	266.06	91.26	273.65	4.27	189.02	246.59	320.84	172.55 PHASE
444	27.20	30.47	600	8.72	3.20	2.75	1.54	1.53	0.02	2.21	.29 AMP
445	24.20	50.52	600	274.94	100.94	261.53	336.72	160.04	297.70	327.76	104.02 PHASE
446	21.23	64.30	607	15.07	5.95	3.15	2.66	2.00	6.96	4.12	.56 A/P
447	17.64	70.43	600	297.50	101.14	250.62	329.20	245.03	354.03	359.70	134.72 PHASE
448	14.90	00.03	600	24.59	8.49	4.62	4.44	2.00	4.39	5.44	.65 AMP
449	14.44	91.73	600	316.75	105.36	220.99	325.93	203.54	60.96	40.52	165.96 PHASE
450	27.75	17.93	600	34.46	10.27	9.29	5.17	2.48	3.23	3.06	.27 AMP
451	26.39	21.41	600	332.29	100.67	203.62	307.60	11.74	26.06	247.41	234.09 PHASE
452	24.01	30.52	600	44.64	11.02	12.60	7.24	2.02	3.72	5.67	1.10 AMP
453	22.63	37.56	600	345.47	110.04	220.67	321.63	90.70	54.02	319.43	260.90 PHASE
454	19.89	44.60	609	55.60	11.02	15.01	10.79	.95	3.00	5.97	1.15 AMP
455	16.07	61.69	600	345.22	98.04	221.22	299.62	12.16	15.84	203.55	221.59 PHASE
456	12.63	72.57	607	63.40	10.64	17.20	12.05	1.50	8.29	4.50	3.66 AMP
457	10.41	02.53	609	352.52	106.17	229.73	305.97	312.44	350.63	277.45	241.75 PHASE
458	7.69	91.65	600	66.15	9.66	17.02	11.92	.20	6.55	3.74	4.13 AMP
459	25.42	10.22	600	350.90	105.99	227.02	303.65	50.10	8.39	276.00	216.24 PHASE
460	25.04	22.65	600	8.50	2.70	1.50	1.20	1.63	2.33	1.15	.77 AMP
461	24.52	25.66	600	262.01	91.86	239.89	79.04	260.44	254.09	60.00	230.41 PHASE
462	22.49	40.40	600	11.60	3.30	3.31	1.00	1.92	4.00	.69	.15 AMP
463	20.79	56.79	610	270.75	100.04	266.09	53.09	240.11	200.19	19.54	121.55 PHASE
464	18.60	09.21	600	16.21	5.57	3.66	1.01	1.09	8.50	2.17	1.36 AMP
465	16.52	02.04	600	206.61	97.02	279.39	15.50	256.34	336.90	345.92	135.36 PHASE
466	15.04	92.56	600	22.46	8.79	2.24	2.19	2.30	0.07	3.34	.93 AMP
467	14.90	00.03	600	305.04	90.17	249.00	335.04	277.03	21.03	20.43	177.33 PHASE
468	14.44	91.73	600	30.63	11.20	4.32	3.13	2.16	5.62	1.91	.25 AMP
469	14.44	91.73	600	323.07	100.17	220.11	344.31	340.00	36.00	105.93	257.70 PHASE
470	14.44	91.73	600	41.95	12.70	9.34	5.27	1.99	5.03	3.34	2.21 AMP
471	14.44	91.73	600	339.10	111.91	232.05	327.15	57.57	64.64	271.03	334.03 PHASE
472	14.44	91.73	600	50.50	13.09	12.56	7.53	1.05	2.50	5.02	1.77 AMP
473	14.44	91.73	600	344.10	109.70	235.49	315.00	126.25	292.59	247.70	315.54 PHASE
474	14.44	91.73	600	61.01	14.24	14.72	10.63	1.50	7.16	6.30	3.20 AMP
475	14.44	91.73	600	345.34	105.99	231.20	307.30	241.70	319.50	260.00	300.12 PHASE
476	14.44	91.73	600	69.09	14.09	15.14	10.41	4.30	12.05	5.04	5.21 AMP
477	14.44	91.73	600	350.53	109.79	240.09	309.64	235.93	330.59	234.90	277.79 PHASE
478	14.44	91.73	600	3.91	1.67	1.21	1.22	2.69	0.36	1.71	.24 AMP
479	14.44	91.73	600	271.42	91.49	293.43	20.21	100.26	269.60	22.05	223.60 PHASE
480	14.44	91.73	600	5.06	2.51	2.10	1.55	3.27	10.75	2.51	.61 AMP
481	14.44	91.73	600	270.06	95.06	275.17	343.52	60.17	252.23	322.44	140.40 PHASE
482	14.44	91.73	600	9.09	4.70	3.66	2.10	2.20	11.47	4.21	2.10 AMP
483	14.44	91.73	600	295.12	90.60	253.09	327.34	349.60	295.01	320.00	135.01 PHASE
484	14.44	91.73	600	16.50	6.20	4.12	3.27	3.16	4.20	4.39	2.63 AMP
485	14.44	91.73	600	303.15	90.99	224.93	323.25	319.27	340.50	341.06	147.46 PHASE
486	14.44	91.73	600	25.25	7.35	7.41	4.69	5.79	1.53	1.11	3.44 AMP
487	14.44	91.73	600	330.57	104.03	215.07	339.65	350.09	109.00	170.00	145.52 PHASE
488	14.44	91.73	600	36.62	7.00	12.16	5.67	5.34	1.00	5.06	3.40 AMP
489	14.44	91.73	600	330.00	89.90	206.04	309.46	345.50	00.37	210.44	105.47 PHASE
490	14.44	91.73	600	46.17	6.71	10.14	7.10	4.17	1.00	6.07	3.76 AMP
491	14.44	91.73	600	347.20	91.00	223.25	320.13	11.65	113.04	276.95	135.37 PHASE
492	14.44	91.73	600	00.61	6.04	17.47	0.73	4.26	3.20	6.90	4.41 AMP
493	14.44	91.73	600	340.90	76.21	221.94	315.33	353.52	76.76	200.32	124.42 PHASE
494	14.44	91.73	600	05.92	6.07	10.23	9.00	3.63	5.37	5.04	5.56 AMP
495	14.44	91.73	600	361.53	71.04	217.44	305.01	303.95	3.43	246.09	110.59 PHASE
496	14.44	91.73	600	2.96	1.22	1.00	.04	3.01	4.57	1.31	.95 AMP
497	14.44	91.73	600	200.14	104.29	272.29	13.09	37.10	255.40	337.34	159.01 PHASE
498	14.44	91.73	600	4.73	2.15	2.91	1.40	2.30	6.16	1.51	1.33 AMP
499	14.44	91.73	600	297.05	105.65	261.66	2.34	2.47	272.99	330.31	134.97 PHASE
500	14.44	91.73	600	9.30	3.75	3.31	2.25	2.90	6.07	2.13	1.54 AMP
501	14.44	91.73	600	313.71	101.43	229.25	347.64	317.05	310.56	4.95	140.59 PHASE
502	14.44	91.73	600	17.69	4.53	5.04	7.17	4.27	1.55	2.23	1.70 AMP
503	14.44	91.73	600	332.19	112.13	216.11	3.75	344.96	306.14	113.93	149.53 PHASE
504	14.44	91.73	600	27.21	4.26	9.20	4.10	4.43	.69	2.47	1.01 AMP
505	14.44	91.73	600	339.24	104.70	207.00	347.51	342.54	20.09	197.69	113.27 PHASE
506	14.44	91.73	600	30.59	3.11	12.05	4.74	3.34	3.06	3.59	2.43 AMP
507	14.44	91.73	600	346.10	96.29	210.53	336.96	342.28	03.47	250.61	03.56 PHASE
508	14.44	91.73	600	52.12	2.40	15.70	6.01	2.56	5.44	3.12	3.01 AMP
509	14.44	91.73	600	347.01	71.65	204.60	310.55	207.45	43.07	204.24	51.36 PHASE
510	14.44	91.73	600	67.05	2.63	10.06	6.93	7.00	7.65	2.10	3.01 AMP
511	14.44	91.73	600	354.60	54.13	216.76	329.55	266.60	29.04	137.32	70.00 PHASE
512	14.44	91.73	600	73.04	2.44	17.45	6.66	8.73	8.15	4.07	3.45 AMP
513	14.44	91.73	600	354.53	44.52	206.00	314.25	250.07	9.46	153.99	59.00 PHASE

TABLE VIII.- Continued

(a) Continued

TORSION 36 PERCENT RADIUS											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
440	4.35	5.16	600	3.15	2.21	.74	.42	.41	.49	.46	.23 AMP
				286.83	96.67	36.98	273.65	77.58	118.64	235.96	291.80 PHASE
441	2.23	4.98	600	2.67	2.11	.68	.59	.13	.39	.27	.27 AMP
				297.84	85.51	29.58	245.82	83.45	99.46	228.91	278.41 PHASE
442	.29	4.58	600	2.45	1.96	.68	.66	.06	.37	.41	.29 AMP
				318.95	88.11	25.66	222.74	317.83	92.15	252.19	284.38 PHASE
443	-1.48	4.67	600	2.58	1.87	.52	.86	.06	.32	.38	.34 AMP
				328.68	79.18	52.36	214.58	388.61	134.45	279.74	323.89 PHASE
444	-3.69	5.52	600	3.88	1.98	.47	1.37	.17	.23	.58	.47 AMP
				346.28	74.35	91.47	288.34	182.67	235.74	385.48	336.84 PHASE
445	-6.28	6.54	600	3.77	2.85	.57	1.77	.41	.25	.66	.48 AMP
				356.86	61.31	112.37	198.72	215.71	263.47	283.92	385.29 PHASE
446	-8.36	8.12	607	4.79	2.33	.88	2.13	.53	.66	.98	.49 AMP
				7.47	67.95	145.52	213.34	265.44	318.14	332.85	19.93 PHASE
447	-18.63	18.63	608	6.17	2.75	1.34	2.68	.65	.98	1.83	.85 AMP
				4.75	57.88	149.64	196.77	267.19	311.42	316.46	6.54 PHASE
448	-12.25	11.93	608	7.38	2.89	1.53	2.79	.69	1.13	1.15	.93 AMP
				6.65	61.85	173.95	289.28	282.62	326.28	319.48	18.89 PHASE
449	-13.18	13.21	608	8.12	3.13	1.73	2.85	.96	1.36	1.36	1.22 AMP
				5.28	58.86	174.89	289.81	294.58	321.96	318.22	359.85 PHASE
450	3.22	4.95	608	2.84	2.21	.65	.28	.48	.14	.17	.28 AMP
				382.95	97.68	49.77	297.97	28.16	129.43	261.16	284.98 PHASE
451	1.28	4.53	608	2.56	2.87	.62	.21	.38	.22	.17	.12 AMP
				313.92	89.99	52.86	263.13	15.27	97.51	265.71	342.89 PHASE
452	-7.78	4.19	608	2.37	2.83	.61	.38	.27	.38	.22	.25 AMP
				328.58	81.57	63.44	195.33	358.26	119.99	284.98	359.61 PHASE
453	-2.74	4.58	608	2.71	2.89	.65	.59	.29	.38	.29	.44 AMP
				342.79	72.25	87.55	185.83	319.26	159.81	273.83	355.32 PHASE
454	-5.89	5.72	609	3.42	2.35	.73	1.14	.19	.26	.32	.39 AMP
				353.83	78.52	122.81	288.19	248.23	219.83	382.45	24.83 PHASE
455	-7.63	8.87	608	4.52	2.31	1.89	1.83	.31	.13	.24	.21 AMP
				359.37	78.88	168.54	217.57	278.66	323.68	337.99	85.69 PHASE
456	-9.88	9.29	607	5.51	2.48	1.88	2.85	.24	.18	.32	.16 AMP
				1.91	69.34	175.75	214.37	169.12	133.81	257.98	86.48 PHASE
457	-12.29	18.78	609	7.18	2.69	1.64	2.23	.38	.23	.89	.18 AMP
				2.13	64.96	198.97	218.99	154.61	284.88	278.82	285.27 PHASE
458	-13.88	12.31	608	8.58	2.31	1.73	1.64	.46	.93	1.51	.78 AMP
				1.85	68.97	227.92	234.18	149.41	286.66	384.17	28.99 PHASE
459	2.47	4.48	608	2.73	2.88	.52	.58	.36	.41	.81	.81 AMP
				288.83	85.84	32.42	253.63	78.82	182.87	263.21	334.25 PHASE
460	.79	4.16	608	2.39	1.81	.46	.63	.34	.33	.43	.16 AMP
				299.56	73.98	28.22	222.25	26.47	51.56	234.54	15.67 PHASE
461	-1.33	4.23	608	2.33	1.65	.35	.84	.24	.28	.57	.45 AMP
				323.92	69.64	43.45	282.82	329.42	45.17	263.57	21.32 PHASE
462	-3.89	4.66	608	2.66	1.56	.33	1.11	.49	.12	.78	.61 AMP
				339.38	65.88	83.98	288.54	318.85	36.64	278.82	12.37 PHASE
463	-5.38	6.37	608	3.34	1.67	.47	1.54	.75	.42	.81	.95 AMP
				356.68	64.76	129.74	288.25	298.72	332.85	295.95	13.97 PHASE
464	-7.71	7.79	618	4.26	1.92	.72	1.91	1.28	.62	.82	1.15 AMP
				1.62	49.52	137.51	187.49	263.87	298.52	278.49	326.33 PHASE
465	-9.64	8.95	608	5.21	2.12	1.82	2.13	1.62	.88	.91	1.24 AMP
				9.92	55.81	168.32	282.57	285.65	319.56	382.88	357.76 PHASE
466	-11.77	18.52	608	6.57	2.58	1.47	2.41	1.89	1.85	.92	1.34 AMP
				18.91	52.56	159.45	196.81	283.57	322.81	296.38	348.97 PHASE
467	-13.84	12.28	608	7.73	2.89	1.89	2.55	2.86	1.58	1.84	1.56 AMP
				9.48	49.82	157.95	188.85	283.13	318.89	298.71	331.31 PHASE
468	1.29	3.53	608	2.33	1.52	.43	.49	.23	.23	.26	.28 AMP
				293.51	74.25	29.75	224.59	359.69	68.67	239.82	33.86 PHASE
469	-1.48	3.43	608	2.12	1.31	.38	.56	.28	.24	.38	.28 AMP
				311.61	69.15	29.88	214.25	318.35	39.62	241.13	26.85 PHASE
470	-2.53	3.56	608	2.28	1.21	.24	.77	.32	.24	.48	.37 AMP
				334.28	64.48	62.59	284.87	383.86	53.87	242.95	358.87 PHASE
471	-4.59	4.16	608	2.65	1.23	.31	.99	.48	.24	.39	.48 AMP
				354.71	65.94	112.81	214.11	292.88	13.26	288.63	16.88 PHASE
472	-6.87	5.44	608	3.43	1.29	.46	1.17	.65	.32	.33	.54 AMP
				3.16	52.82	125.65	199.66	275.82	336.42	251.11	342.49 PHASE
473	-8.91	6.57	608	4.31	1.46	.66	1.32	.84	.34	.27	.55 AMP
				8.47	45.92	144.56	192.52	273.21	328.43	216.43	328.78 PHASE
474	-11.21	7.91	608	5.47	1.66	.84	1.44	.98	1.48	.25	.62 AMP
				9.59	39.86	143.37	171.69	258.85	388.29	188.42	294.18 PHASE
475	-13.23	9.78	607	6.88	2.88	1.12	1.61	1.87	.83	.23	.79 AMP
				14.81	43.71	158.58	174.87	261.54	382.72	258.39	316.19 PHASE
476	-14.22	11.83	608	7.77	2.34	1.21	1.68	1.88	.97	.88	.79 AMP
				12.18	39.79	154.27	159.12	253.15	298.98	232.83	287.77 PHASE

TABLE VIII.- Continued

(a) Continued

FLAPWISE 51 PERCENT RADIUS												
RUN NO 16												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
440	7.87	21.23	608	10.43	8.94	5.12	.81	1.37	.10	.73	1.22	AMP
				128.56	278.12	53.82	310.22	268.83	31.81	2.71	166.39	PHASE
441	9.85	20.21	608	10.46	8.51	4.84	.92	1.16	.14	.49	.95	AMP
				131.66	272.38	32.36	298.41	253.88	78.41	357.84	124.07	PHASE
442	11.76	19.18	608	10.72	8.02	4.72	.85	1.14	.13	.25	.88	AMP
				134.81	269.55	14.27	296.72	252.38	41.96	9.54	118.71	PHASE
443	13.49	18.86	608	11.12	7.58	5.15	1.23	1.02	.28	.21	1.07	AMP
				140.63	273.15	12.05	309.76	266.92	59.11	70.26	141.44	PHASE
444	15.77	19.55	608	11.84	7.18	6.07	1.10	.79	.40	.34	1.17	AMP
				144.42	274.93	2.06	311.90	287.11	67.49	80.83	159.08	PHASE
445	17.93	19.22	608	12.33	7.04	6.42	1.12	.85	.39	.17	.96	AMP
				145.68	266.34	344.08	289.01	262.36	12.93	100.37	150.41	PHASE
446	20.00	19.55	607	13.04	6.42	6.63	1.17	1.02	.64	.38	.98	AMP
				153.62	278.96	357.70	316.15	315.68	53.10	79.71	258.85	PHASE
447	22.26	20.65	608	13.73	6.00	6.80	1.12	1.02	.71	.16	1.93	AMP
				150.10	274.15	339.58	309.01	312.88	25.95	100.04	224.43	PHASE
448	23.64	21.79	608	14.03	5.97	6.35	1.01	1.00	.72	.33	2.40	AMP
				153.05	282.07	337.94	317.97	340.41	29.15	343.00	246.19	PHASE
449	24.33	21.50	608	14.25	5.84	6.28	.92	.89	.70	.21	2.75	AMP
				151.60	286.94	335.43	314.74	332.44	24.26	340.65	221.00	PHASE
450	7.73	20.58	608	11.11	9.17	4.32	.77	1.05	.21	.63	.62	AMP
				133.74	289.73	61.64	324.82	274.65	90.87	36.60	343.51	PHASE
451	9.58	20.60	608	11.22	9.02	4.35	.87	.98	.17	.38	.33	AMP
				136.30	281.89	45.92	316.43	268.29	85.52	24.80	178.48	PHASE
452	11.42	20.61	608	11.47	8.84	4.43	.90	.95	.09	.06	.90	AMP
				139.37	276.03	32.87	311.96	262.10	61.84	292.92	178.27	PHASE
453	13.39	20.49	608	12.03	8.53	4.38	.86	.97	.08	.23	1.37	AMP
				141.27	269.26	20.92	299.94	249.56	51.01	270.66	186.19	PHASE
454	15.70	20.93	609	12.74	8.28	4.63	.87	.89	.33	.43	1.31	AMP
				145.84	271.36	19.03	299.82	279.95	343.38	331.66	221.98	PHASE
455	18.13	20.29	608	13.45	7.74	4.99	1.01	.92	.61	1.36	AMP	
				149.15	272.74	15.51	319.26	324.31	3.17	357.32	289.08	PHASE
456	20.18	20.54	607	13.70	7.70	5.33	1.18	1.17	1.14	1.09	1.01	AMP
				149.47	271.72	1.44	323.45	337.55	349.12	353.22	295.06	PHASE
457	22.48	20.30	609	14.03	7.61	5.39	1.15	1.35	1.31	.89	2.05	AMP
				149.91	276.67	341.15	319.24	351.53	356.37	24.29	310.15	PHASE
458	23.46	21.38	608	14.94	7.92	4.96	1.10	1.36	1.23	.33	2.13	AMP
				150.05	283.49	329.71	306.62	348.99	349.86	356.41	251.38	PHASE
459	10.59	18.89	608	9.78	7.00	5.33	.94	1.55	.71	.71	AMP	
				131.66	279.04	36.24	388.41	285.12	150.80	57.73	236.69	PHASE
460	12.39	18.96	608	10.00	6.80	5.53	1.04	1.50	.45	1.01	1.69	AMP
				131.92	269.40	11.02	283.84	256.01	119.63	16.98	191.12	PHASE
461	14.57	19.09	608	10.45	6.54	5.06	1.11	1.23	.56	.00	2.37	AMP
				137.80	267.07	359.34	293.74	248.10	96.56	12.98	186.65	PHASE
462	16.45	18.52	608	11.06	5.89	6.36	1.02	1.11	.86	.63	2.73	AMP
				141.28	269.55	351.85	293.82	237.22	89.59	359.28	177.83	PHASE
463	18.61	21.16	608	11.71	5.45	7.34	.94	.86	1.18	.38	3.43	AMP
				148.21	273.51	353.42	308.20	225.41	96.22	25.00	186.38	PHASE
464	20.95	22.83	610	12.41	4.95	7.53	.93	.89	1.39	.04	3.15	AMP
				147.52	263.19	337.61	292.13	192.40	62.02	136.17	139.10	PHASE
465	22.98	23.31	608	13.18	4.44	7.54	.89	.82	1.56	.12	5.76	AMP
				154.17	271.41	348.10	312.47	214.33	84.95	172.41	169.79	PHASE
466	25.31	24.94	608	14.01	3.54	7.56	.86	.67	1.72	.19	4.05	AMP
				154.51	270.44	341.21	310.38	205.77	71.15	227.36	168.73	PHASE
467	26.35	24.60	608	14.20	3.14	6.96	.68	.39	1.63	.29	4.35	AMP
				152.83	269.29	331.75	295.77	201.26	50.44	171.89	144.82	PHASE
468	13.02	14.62	608	8.72	4.74	4.17	.65	1.00	.28	.54	1.28	AMP
				134.20	273.46	10.11	291.36	248.67	104.65	5.42	185.94	PHASE
469	14.89	14.72	608	9.21	4.55	4.55	.69	.89	.26	.44	1.45	AMP
				137.55	271.26	359.83	289.00	236.79	93.07	349.38	174.81	PHASE
470	16.77	15.47	608	9.78	4.43	5.13	.72	.84	.40	.29	1.56	AMP
				141.57	271.71	349.71	284.35	224.85	75.38	333.77	160.49	PHASE
471	18.82	17.02	608	10.35	4.11	5.79	.63	.71	.43	.16	1.79	AMP
				149.50	280.85	357.67	299.13	227.58	98.33	12.67	161.27	PHASE
472	21.10	18.91	608	11.00	3.77	6.49	.68	.71	.50	.22	2.02	AMP
				153.07	277.64	343.66	288.40	194.50	58.88	247.59	144.95	PHASE
473	23.14	20.77	608	12.02	3.34	6.70	.72	.71	.61	.45	2.10	AMP
				153.07	281.16	339.30	291.68	187.54	49.97	245.36	131.11	PHASE
474	25.62	22.21	600	12.95	2.65	6.74	.73	.64	.75	.69	3.13	AMP
				153.07	281.12	325.07	203.49	160.25	25.37	234.16	94.89	PHASE
475	27.85	23.46	607	13.99	2.36	5.52	.80	.63	.98	.81	2.52	AMP
				157.27	292.41	323.38	301.37	148.23	38.59	244.04	128.93	PHASE
476	28.83	24.03	608	14.35	2.13	5.27	.80	.70	1.05	1.13	2.71	AMP
				155.63	283.71	313.89	289.15	124.86	17.61	210.17	61.87	PHASE

TABLE VIII.- Continued

(a) Continued

CHORDWISE 51 PERCENT RADIUS											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
448	11.24	13.48	688	5.48	2.59	1.84	1.41	.42	3.81	.53	.58 AMP
441	9.63	17.88	688	265.52	73.57	213.91	56.69	263.86	243.62	287.78	287.78 PHASE
442	8.52	22.75	688	6.61	3.18	1.27	1.24	.39	5.75	.49	.46 AMP
443	7.57	29.83	688	273.42	88.68	253.86	15.91	287.41	258.25	352.93	165.37 PHASE
444	6.12	35.65	688	8.98	4.84	2.58	1.67	1.44	8.58	1.94	.39 AMP
445	3.71	45.81	688	279.88	98.38	258.71	349.89	172.37	381.11	333.63	185.81 PHASE
446	1.82	56.86	687	13.52	6.12	3.88	1.85	1.85	7.47	4.45	1.81 AMP
447	-2.54	69.29	688	297.28	182.79	255.95	338.81	248.86	357.95	3.99	146.81 PHASE
448	-5.82	75.13	688	28.16	8.89	4.27	4.64	1.93	4.94	6.29	1.18 AMP
449	-5.44	78.44	688	314.85	185.17	233.16	335.87	286.27	72.78	46.44	165.86 PHASE
450	8.82	18.58	688	27.87	9.96	7.99	5.72	2.57	3.74	3.35	.42 AMP
451	5.97	28.63	688	327.97	188.34	213.91	314.33	18.41	33.74	239.32	193.17 PHASE
452	4.34	35.95	688	34.65	11.88	11.19	7.88	1.81	4.16	6.15	1.38 AMP
453	2.82	41.58	689	341.47	189.81	235.45	327.43	83.78	62.59	319.49	273.55 PHASE
454	-1.52	54.58	688	42.97	11.51	14.45	11.41	1.89	3.29	6.58	1.29 AMP
455	-4.7	63.53	687	341.58	99.53	226.91	382.95	346.12	26.84	286.63	223.44 PHASE
456	-7.58	72.59	689	48.61	11.44	16.26	12.96	1.96	8.37	4.72	.44 AMP
457	-18.86	77.48	688	348.78	187.51	234.77	387.78	389.38	358.83	282.38	248.23 PHASE
458	4.69	28.11	688	58.53	18.48	16.81	13.88	.27	6.47	4.16	4.88 AMP
459	4.82	24.75	688	347.31	188.46	232.73	385.98	389.88	14.82	281.14	223.57 PHASE
460	3.32	27.88	688	8.52	3.33	1.71	1.48	1.91	2.34	1.38	.87 AMP
461	2.81	29.67	688	269.82	94.56	235.39	83.99	263.82	257.24	78.38	248.17 PHASE
462	1.47	38.27	688	11.86	4.31	3.88	2.17	4.88	.71	.15	.15 AMP
463	-3.7	49.38	618	274.84	99.76	261.83	63.87	244.78	284.85	48.55	148.32 PHASE
464	-2.62	58.72	688	14.34	6.11	3.17	1.91	9.21	2.23	1.88	1.88 AMP
465	-5.31	69.89	688	287.41	188.38	276.29	29.34	259.37	348.97	349.38	139.66 PHASE
466	-6.77	74.31	688	18.62	8.62	2.19	2.32	2.12	9.86	3.88	1.84 AMP
467	3.58	14.21	688	383.82	99.81	249.62	347.14	274.81	24.17	26.62	186.75 PHASE
468	3.85	17.73	688	328.49	18.91	3.83	3.18	2.85	6.35	2.53	.87 AMP
469	2.55	19.74	688	32.76	12.72	8.46	5.54	1.98	48.69	112.28	258.17 PHASE
470	2.87	27.88	688	333.62	118.91	236.56	327.71	38.88	64.84	272.85	333.78 PHASE
471	2.98	37.65	688	39.21	14.15	11.67	8.89	34	2.67	5.69	2.75 AMP
472	-3.13	56.94	688	348.91	189.37	238.68	315.83	32.85	386.77	251.32	323.12 PHASE
473	-6.18	78.71	687	48.88	14.82	14.44	12.28	2.68	8.28	6.72	4.24 AMP
474	-7.51	78.31	688	342.82	186.59	236.29	387.39	287.25	326.68	266.29	322.86 PHASE
475				54.16	14.48	15.12	12.58	4.85	14.43	5.83	5.97 AMP
476				347.78	189.27	245.62	318.28	258.82	333.33	242.46	285.2 PHASE
				4.44	2.82	1.16	1.41	2.28	8.84	1.92	.35 AMP
				281.63	92.54	277.86	29.32	118.42	272.49	33.86	255.87 PHASE
				5.76	2.89	2.84	1.77	3.81	11.45	2.74	.92 AMP
				281.85	94.73	278.69	354.45	78.73	254.71	332.52	178.95 PHASE
				3.99	4.68	3.48	2.58	1.97	12.25	4.59	2.78 AMP
				296.64	98.64	255.91	339.58	355.72	297.25	325.41	149.91 PHASE
				14.44	5.93	3.98	3.74	2.72	4.71	4.97	3.66 AMP
				307.26	183.27	237.16	333.83	325.83	343.17	346.44	156.95 PHASE
				29.68	5.98	6.44	5.31	5.46	1.68	1.61	4.79 AMP
				326.92	185.88	229.18	345.18	357.58	187.94	162.61	155.93 PHASE
				28.74	7.24	18.58	6.57	5.56	1.33	6.82	4.99 AMP
				334.88	93.19	217.32	316.35	355.62	84.59	217.51	114.19 PHASE
				35.88	7.22	13.29	8.86	4.76	2.23	6.91	5.61 AMP
				343.53	96.26	232.67	327.46	24.85	189.32	277.55	142.55 PHASE
				45.24	7.42	15.56	9.71	4.98	3.99	7.74	6.58 AMP
				345.52	85.16	228.98	321.53	9.91	76.89	283.14	138.74 PHASE
				58.28	7.55	16.45	18.85	3.54	6.81	5.67	8.88 AMP
				347.91	88.48	225.88	318.88	328.18	9.14	251.98	121.87 PHASE
				3.65	1.31	1.68	1.12	2.71	4.82	1.46	1.26 AMP
				296.82	185.52	271.11	23.46	37.99	258.88	344.62	173.25 PHASE
				5.38	2.21	2.67	1.75	2.18	6.68	1.67	1.74 AMP
				388.62	187.21	264.32	9.66	5.26	275.47	339.15	149.51 PHASE
				8.89	3.58	3.82	2.65	2.65	6.54	2.49	2.88 AMP
				312.33	183.61	248.87	355.61	321.73	312.95	12.81	158.29 PHASE
				14.95	4.29	4.85	3.61	3.99	1.69	2.93	2.48 AMP
				328.86	114.28	229.13	9.39	349.28	388.66	117.92	159.68 PHASE
				21.92	4.37	7.78	4.69	4.47	.83	3.11	2.61 AMP
				335.62	187.15	218.65	351.88	348.32	26.79	196.77	125.27 PHASE
				38.22	3.88	18.89	5.55	3.77	4.77	4.77	3.27 AMP
				342.82	181.88	228.28	341.37	353.28	84.28	257.56	92.87 PHASE
				48.26	3.37	13.72	6.96	2.88	6.18	3.58	4.87 AMP
				344.88	86.31	213.82	323.35	312.65	45.93	285.51	59.46 PHASE
				51.81	3.55	16.18	7.98	6.21	8.39	2.69	4.25 AMP
				351.78	79.69	225.84	331.39	288.98	32.54	134.64	84.42 PHASE
				56.24	3.77	15.96	7.78	7.76	8.95	4.89	.71 AMP
				351.58	74.31	214.89	314.66	261.41	12.58	153.92	62.81 PHASE

TABLE VIII.- Continued

(a) Continued

TORSION 5% PERCENT RADIUS											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	E
448	4.95	5.25	608	3.14	2.34	.74	.44	.35	.58	.53	.15 AMP
441	2.82	4.85	608	289.58	187.58	51.85	299.87	114.44	158.95	286.32	326.52 PHASE
442	.85	4.63	608	2.57	2.23	.68	.68	.88	.37	.39	.28 AMP
443	-9.3	4.63	608	299.49	97.18	48.75	272.25	122.71	142.59	277.91	337.16 PHASE
444	-3.12	5.48	608	2.38	2.85	.66	.66	.18	.34	.43	.31 AMP
445	-5.59	6.41	608	313.24	92.41	36.82	251.86	322.51	133.18	295.69	342.41 PHASE
446	-7.59	7.86	607	2.28	1.92	.48	.81	.11	.28	.48	.37 AMP
447	-9.68	9.74	608	338.78	93.31	58.28	244.26	384.78	173.72	327.39	23.56 PHASE
448	-11.13	18.85	608	2.66	1.84	.37	1.38	.22	.22	.57	.49 AMP
449	-11.97	12.94	608	358.82	98.21	96.28	235.21	238.46	278.48	354.33	31.84 PHASE
450	3.77	5.22	608	3.29	1.85	.46	1.67	.49	.29	.78	.58 AMP
451	1.82	4.62	608	5.14	76.72	129.92	214.84	248.32	383.92	327.18	358.96 PHASE
452	-1.17	4.26	608	4.15	1.96	.74	1.96	.53	.69	1.84	.56 AMP
453	-2.17	4.39	608	17.92	85.19	158.12	234.48	289.53	353.58	16.32	78.61 PHASE
454	-4.39	5.43	609	5.33	2.29	1.16	2.35	.58	1.11	1.26	1.06 AMP
455	-6.61	7.84	608	17.82	75.61	153.96	214.82	291.46	347.21	3.11	68.75 PHASE
456	-8.78	9.39	608	6.27	2.48	1.22	2.49	.59	1.34	1.36	1.06 AMP
457	-10.83	9.28	609	19.44	78.21	173.84	225.18	385.76	2.31	18.72	75.89 PHASE
458	-12.11	18.99	608	7.83	2.62	1.38	2.53	.98	1.62	1.57	1.38 AMP
459	3.24	4.56	608	16.85	75.49	174.27	226.35	321.16	358.18	.48	56.71 PHASE
460	1.54	4.28	608	2.74	2.48	.62	.29	.46	.15	.21	.22 AMP
461	-6.61	7.84	608	386.84	189.36	56.21	323.27	45.93	162.14	326.58	274.58 PHASE
462	-2.36	4.84	608	2.43	2.23	.56	.24	.38	.28	.22	.17 AMP
463	-4.54	6.34	608	317.19	182.84	56.89	292.86	39.14	129.51	328.13	29.74 PHASE
464	-6.87	7.79	618	2.19	2.13	.48	.38	.28	.25	.29	.27 AMP
465	-8.78	9.39	608	331.97	94.62	64.85	232.11	28.75	156.21	319.22	58.93 PHASE
466	-10.84	18.37	608	2.38	2.88	.42	.55	.27	.36	.39	.41 AMP
467	-12.86	11.55	608	349.86	88.89	89.68	212.59	348.87	281.26	385.17	48.66 PHASE
468	2.14	3.65	608	2.76	1.96	.44	1.88	.21	.33	.41	.39 AMP
469	3.6	3.51	608	4.34	88.35	137.48	221.26	258.85	254.82	334.28	88.16 PHASE
470	-1.68	3.43	608	3.49	1.92	.78	1.67	.39	.23	.36	.32 AMP
471	-3.75	4.11	608	13.83	98.63	175.57	231.23	256.24	326.75	27.19	145.49 PHASE
472	-5.99	5.89	608	4.28	2.88	1.89	2.81	.43	.18	.22	.23 AMP
473	-8.83	6.28	608	17.82	83.62	188.26	225.81	223.94	43.86	5.45	154.88 PHASE
474	-10.27	7.72	608	5.59	2.12	1.15	2.26	.36	.58	.88	.23 AMP
475	-12.26	9.11	607	16.38	77.71	189.87	229.83	228.48	2.46	336.88	296.47 PHASE
476	-13.22	9.88	608	6.65	1.86	1.83	1.88	.26	.84	1.52	.88 AMP
477				12.73	71.65	223.76	241.98	288.39	338.69	342.36	58.55 PHASE
478				2.65	2.13	.61	.56	.46	.39	.43	.85 AMP
479				298.58	98.57	51.78	281.85	181.57	142.93	319.16	257.88 PHASE
480				2.22	1.95	.48	.67	.32	.35	.46	.17 AMP
481				361.87	87.19	38.68	251.25	55.82	98.67	298.25	122.14 PHASE
482				2.84	1.78	.33	.85	.23	.33	.64	.46 AMP
483				327.15	84.61	57.67	233.78	.47	81.86	389.88	94.72 PHASE
484				2.31	1.63	.28	1.88	.45	.28	.88	.66 AMP
485				345.27	82.37	98.68	229.28	335.46	71.59	314.39	68.51 PHASE
486				2.94	1.62	.43	1.58	.74	.47	.86	.97 AMP
487				5.42	88.98	143.74	235.84	315.15	15.82	348.76	77.61 PHASE
488				3.84	1.78	.68	1.98	.38	.78	.89	1.21 AMP
489				11.28	65.52	158.58	212.74	289.65	339.59	315.61	29.99 PHASE
490				4.88	1.91	.97	2.15	1.65	.92	.96	1.32 AMP
491				19.69	71.88	172.12	227.55	313.87	.91	348.26	58.85 PHASE
492				6.87	2.18	1.36	2.38	1.89	1.14	.98	1.48 AMP
493				21.62	69.27	172.67	219.99	313.98	1.63	337.44	48.42 PHASE
494				7.13	2.39	1.78	2.47	2.83	1.54	1.14	1.75 AMP
495				19.98	67.48	172.73	211.58	314.51	355.44	332.81	29.78 PHASE
496				2.11	1.61	.41	.49	.22	.23	.29	.24 AMP
497				296.22	86.87	51.68	251.88	28.48	188.81	298.79	114.37 PHASE
498				1.88	1.41	.38	.55	.28	.25	.32	.35 AMP
499				315.52	82.93	52.58	241.67	351.53	76.78	288.98	95.52 PHASE
500				1.87	1.26	.73	.72	.31	.25	.45	.41 AMP
501				341.83	88.96	74.84	238.78	335.44	84.52	286.41	65.14 PHASE
502				2.32	1.21	.27	.93	.41	.26	.41	.58 AMP
503				4.91	82.51	121.45	248.57	328.35	43.88	325.61	88.75 PHASE
504				3.11	1.21	.42	1.14	.68	.34	.34	.59 AMP
505				14.39	78.31	148.59	223.48	382.59	16.87	292.71	47.83 PHASE
506				4.82	1.28	.68	1.31	.85	.48	.27	.68 AMP
507				19.44	64.95	155.11	216.68	381.37	4.71	257.59	32.44 PHASE
508				5.22	1.49	.88	1.49	1.08	.58	.28	.65 AMP
509				19.68	54.39	153.66	198.81	289.17	336.62	224.29	355.35 PHASE
510				6.58	1.69	1.01	1.66	.98	.33	.33	.94 AMP
511				24.37	61.85	166.28	197.58	294.49	348.18	282.65	15.48 PHASE
512				7.41	1.87	1.07	1.65	1.81	.16	.16	.91 AMP
513				22.46	58.61	162.32	181.57	287.78	325.88	262.82	349.67 PHASE



AD-A128 508

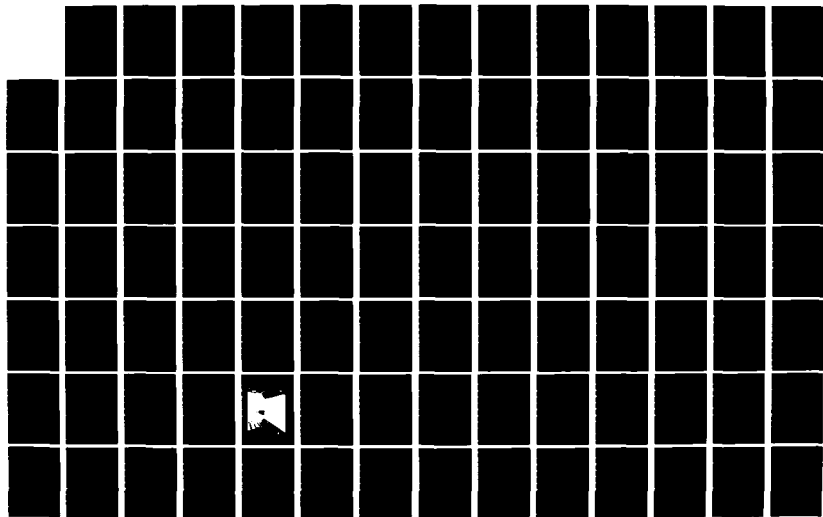
LOADS AND PERFORMANCE DATA FROM A WIND-TUNNEL TEST OF  
MODEL ARTICULATED H. (U) NATIONAL AERONAUTICS AND SPACE  
ADMINISTRATION HAMPTON VA LANG. W T VERGER ET AL.  
APR 83 NASA-L-15507 NASA-TN-84573

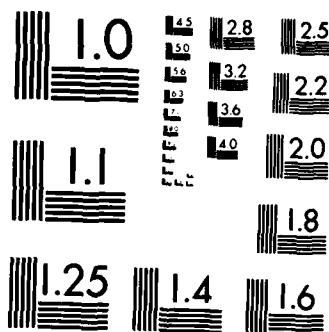
3/4

UNCLASSIFIED

F/G 20/4

NL





MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A

TABLE VIII.- Continued

(a) Continued

FLAPWISE 77 PERCENT RADIUS											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
448	-9.46	22.14	608	14.52	9.31	1.57	2.16	3.47	.88	.96	1.64 AMP
				118.68	293.26	268.88	188.88	328.87	18.43	178.93	331.57 PHASE
441	-6.23	21.78	608	13.71	9.41	2.87	2.26	2.63	.14	.83	1.37 AMP
				121.81	283.99	282.37	84.54	386.27	187.61	167.84	298.17 PHASE
442	-3.34	22.63	608	13.47	9.36	2.61	2.54	2.54	.23	.65	1.22 AMP
				125.88	279.82	288.74	78.75	294.32	118.23	175.43	283.63 PHASE
443	-5.58	23.65	608	13.64	9.87	3.88	3.18	2.35	.47	.58	1.46 AMP
				131.87	281.73	314.86	68.98	316.46	148.85	286.23	314.57 PHASE
444	3.88	26.46	608	14.85	9.16	4.14	4.17	1.73	.81	.57	1.74 AMP
				136.56	281.41	325.75	65.53	343.29	162.51	234.85	335.13 PHASE
445	6.96	27.54	608	14.81	9.28	4.72	5.87	.77	.98	.55	1.68 AMP
				139.71	278.81	324.54	43.39	356.32	145.34	239.33	318.94 PHASE
446	18.89	28.58	607	14.48	9.25	5.19	5.74	.67	1.88	.91	1.46 AMP
				158.11	283.68	347.84	67.88	4.39	217.86	282.78	55.44 PHASE
447	13.46	38.19	608	15.81	9.45	5.51	6.32	.76	1.29	.84	3.28 AMP
				149.38	277.82	335.69	48.28	322.97	211.19	275.15	28.41 PHASE
448	15.82	31.77	608	15.72	9.35	4.92	6.67	.96	1.17	.58	3.96 AMP
				153.81	283.37	345.62	55.44	359.76	241.32	289.63	51.45 PHASE
449	16.81	33.42	608	16.38	9.55	5.88	6.88	.75	1.12	.77	4.63 AMP
				153.46	284.84	341.87	49.94	3.26	233.58	294.44	29.84 PHASE
458	-8.88	21.88	608	14.85	18.14	.94	1.22	2.32	.19	.72	.88 AMP
				125.39	295.66	388.68	138.38	388.13	137.13	281.22	171.86 PHASE
451	-6.82	21.18	608	13.48	18.27	1.35	1.44	1.91	.35	.38	.44 AMP
				128.71	286.58	327.78	97.86	382.78	56.83	178.42	345.54 PHASE
452	-3.88	21.25	608	12.78	18.56	1.98	1.81	2.18	.61	.18	1.13 AMP
				132.97	279.75	334.61	63.96	383.56	44.48	88.29	346.82 PHASE
453	-8.88	21.95	608	12.37	18.81	2.69	2.39	1.96	.81	.33	1.63 AMP
				137.38	274.82	333.84	43.94	383.81	78.88	111.88	355.97 PHASE
454	3.48	23.72	609	12.51	18.75	3.41	3.66	1.72	.64	.62	1.65 AMP
				144.35	276.78	354.37	54.99	355.89	112.76	177.19	31.78 PHASE
455	7.33	24.31	608	12.97	9.94	3.85	4.75	2.18	.19	.56	1.71 AMP
				149.15	278.68	12.34	65.27	23.98	85.63	221.16	94.28 PHASE
456	18.75	25.28	607	13.48	9.44	4.11	5.72	2.76	.15	.96	2.15 AMP
				158.63	275.42	15.28	61.58	33.21	188.56	283.81	181.67 PHASE
457	14.51	27.93	609	14.81	9.47	3.86	6.99	3.85	.47	1.28	2.41 AMP
				152.68	277.56	18.51	61.27	37.33	388.11	248.73	121.17 PHASE
458	16.24	38.45	608	15.87	9.47	3.37	7.63	4.68	.55	.65	3.81 AMP
				153.93	284.31	15.99	62.18	42.63	348.24	284.46	57.86 PHASE
459	-6.59	19.98	608	13.58	8.11	2.26	2.55	3.86	.48	1.13	.95 AMP
				119.15	292.33	297.84	95.41	315.88	177.44	227.45	43.62 PHASE
468	-3.68	28.72	608	13.28	7.98	2.72	3.87	3.48	.37	1.11	2.29 AMP
				128.14	281.11	295.89	78.28	288.94	164.75	188.82	3.95 PHASE
461	-4.42	23.18	608	13.31	3.85	3.53	3.58	2.83	.24	.88	3.27 AMP
				127.48	277.92	386.89	62.88	269.97	137.98	184.87	1.21 PHASE
462	2.36	24.82	608	13.56	7.99	4.18	4.84	2.49	.36	.51	3.75 AMP
				132.85	277.21	312.88	59.85	251.86	124.76	176.13	353.38 PHASE
463	5.74	28.13	608	13.89	8.34	5.26	4.74	1.95	.41	.27	4.77 AMP
				148.87	279.82	328.66	63.73	213.85	189.86	246.61	2.93 PHASE
464	9.52	38.36	618	14.37	8.61	5.75	5.59	3.49	.51	.43	5.22 AMP
				142.84	266.62	328.39	42.88	169.55	166.88	388.72	316.59 PHASE
465	12.88	31.75	608	15.88	8.65	5.95	6.18	4.52	.74	.57	5.12 AMP
				158.53	273.24	338.96	58.18	189.39	197.56	323.63	347.23 PHASE
466	16.41	33.96	608	16.17	8.58	6.48	6.88	5.18	.86	.58	5.52 AMP
				153.44	278.46	348.65	51.58	188.91	283.58	319.76	339.39 PHASE
467	18.16	35.65	608	16.52	8.51	6.38	7.41	4.51	.63	.93	6.85 AMP
				153.18	267.27	338.78	37.51	167.51	214.88	388.91	323.86 PHASE
468	-3.82	17.77	608	12.81	5.98	2.16	1.98	2.28	.26	.51	1.78 AMP
				121.11	283.41	385.16	78.12	265.82	126.42	168.46	.85 PHASE
469	-8.89	18.43	608	11.92	8.84	2.57	2.16	1.99	.19	.42	2.83 AMP
				125.96	279.96	318.12	63.81	251.86	99.87	148.91	358.45 PHASE
478	2.16	19.69	608	12.86	6.33	3.11	2.57	1.91	.22	.26	2.77 AMP
				131.68	277.44	312.29	56.95	238.68	53.23	123.71	336.93 PHASE
471	5.47	21.85	608	12.29	6.57	3.88	2.79	1.53	.14	.87	2.51 AMP
				141.23	283.36	331.91	67.12	223.81	115.29	139.51	358.78 PHASE
472	9.19	22.55	608	12.85	6.84	4.74	3.18	2.31	.16	.35	2.85 AMP
				143.98	274.98	327.96	48.75	185.51	118.29	33.87	322.65 PHASE
473	12.53	24.44	608	13.78	7.84	5.25	3.67	3.85	.15	.61	2.89 AMP
				143.61	271.66	331.11	42.42	177.81	148.59	51.77	389.74 PHASE
474	16.43	25.72	608	14.79	7.88	5.59	1.94	3.51	.13	.69	2.77 AMP
				153.81	263.34	324.94	26.81	168.17	243.34	44.85	272.88 PHASE
475	28.80	28.18	607	16.30	7.29	5.74	4.53	3.81	.49	.61	3.18 AMP
				156.78	267.38	333.11	38.42	165.51	271.39	31.54	285.87 PHASE
476	21.65	29.56	608	17.16	7.42	5.66	5.85	3.93	.63	.93	3.34 AMP
				155.99	261.24	323.28	16.16	149.82	251.28	6.28	259.87 PHASE

TABLE VIII.- Continued

(a) Continued

CHORDWISE 77 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
440	-4.46	12.14	600	4.47	3.75	.47	1.20	1.50	1.46	.41	.31 AMP
441	-4.15	12.29	600	135.00	297.33	269.52	80.91	311.04	247.67	190.02	206.69 PHASE
442	-3.00	11.77	600	3.00	3.30	1.01	1.09	1.14	2.29	.25	.32 AMP
443	-3.17	13.03	600	143.47	203.52	304.36	66.66	207.10	240.60	130.00	230.55 PHASE
444	-2.36	13.06	600	3.29	2.84	1.62	1.18	1.02	3.54	.43	.18 AMP
445	-1.10	15.94	600	157.94	275.50	298.14	30.14	257.21	290.27	320.71	250.53 PHASE
446	-1.15	19.44	607	2.10	1.91	1.94	1.64	1.51	3.11	1.57	.20 AMP
447	.30	23.01	600	100.50	276.49	310.79	10.03	202.71	356.25	359.56	203.60 PHASE
448	.60	25.66	600	1.73	1.07	2.33	2.48	1.40	2.42	2.53	.10 AMP
449	.00	25.17	600	256.47	272.03	304.55	7.04	310.37	74.74	46.36	240.66 PHASE
450	-7.00	12.35	600	3.17	.33	2.72	3.07	1.44	1.85	1.69	.59 AMP
451	-7.97	10.07	600	304.46	220.43	273.34	341.76	340.40	43.44	210.31	274.60 PHASE
452	-6.76	14.35	600	5.09	.42	3.75	3.76	1.03	1.82	2.04	.73 AMP
453	-5.24	15.12	600	324.05	96.12	200.76	352.93	24.37	60.21	304.24	327.57 PHASE
454	-3.69	12.00	609	7.30	.91	5.09	5.03	1.46	1.39	3.02	.96 AMP
455	-2.60	14.06	600	325.49	67.01	261.31	322.77	330.50	40.32	273.42	336.62 PHASE
456	-1.92	18.06	607	8.62	.07	5.00	5.70	1.09	3.21	2.25	1.29 AMP
457	-1.62	25.63	609	333.07	66.90	262.27	326.44	342.00	357.09	270.27	290.00 PHASE
458	-8.63	13.24	600	9.24	.72	6.56	6.30	1.50	2.49	2.25	1.37 AMP
459	-8.81	14.66	600	331.04	54.01	250.95	325.06	7.61	29.31	265.76	290.42 PHASE
460	-7.97	10.07	600	4.12	3.04	.34	.94	1.00	.05	.50	.56 AMP
461	-7.97	15.46	600	154.11	297.11	291.95	110.29	276.30	204.36	102.99	205.19 PHASE
462	-6.56	12.21	600	3.57	3.33	.00	.90	1.63	1.50	.33	.02 AMP
463	-5.19	11.99	600	170.16	205.22	311.04	07.37	264.40	205.42	01.71	111.60 PHASE
464	-3.71	13.01	610	2.02	2.62	1.31	1.00	1.66	3.99	.06	.62 AMP
465	-2.40	16.17	600	195.00	275.64	326.30	50.51	271.63	339.62	355.66	126.44 PHASE
466	-1.40	21.27	600	2.20	1.00	1.19	1.36	1.60	4.49	1.75	.40 AMP
467	-0.92	22.66	600	234.02	250.90	331.05	12.00	273.00	21.00	30.66	207.53 PHASE
468	-0.80	11.23	600	2.69	.93	.99	1.04	1.57	3.00	1.34	.51 AMP
469	-0.80	17.55	600	204.16	219.30	324.04	15.99	329.56	39.19	114.10	322.00 PHASE
470	-0.76	10.63	600	4.54	.91	1.76	2.54	1.93	2.99	1.71	1.67 AMP
471	-6.34	9.73	600	318.59	154.48	203.40	355.74	7.21	52.03	263.96	346.96 PHASE
472	-4.64	10.62	600	6.45	1.36	3.06	3.61	2.09	1.51	2.49	1.22 AMP
473	-3.14	13.65	600	326.24	127.09	271.70	337.73	.04	339.32	242.22	356.19 PHASE
474	-1.00	17.55	600	9.10	1.40	4.70	5.36	3.15	4.25	2.07	1.40 AMP
475	-1.31	19.05	607	327.79	90.14	259.76	323.41	346.11	337.24	262.21	353.20 PHASE
476	-0.52	22.50	600	10.53	1.05	5.93	5.99	2.96	6.96	2.31	2.36 AMP
				332.79	76.10	263.01	324.39	335.25	335.17	253.27	321.26 PHASE
				4.09	3.16	1.31	1.23	.96	3.62	.44	.20 AMP
				129.17	291.03	317.61	73.95	329.20	266.20	20.30	13.40 PHASE
				3.55	2.69	1.91	1.47	.73	4.73	.79	.29 AMP
				134.41	270.65	310.10	43.19	319.21	248.13	310.97	6.00 PHASE
				2.51	1.95	2.57	1.03	1.42	4.99	1.61	.50 AMP
				155.33	273.00	304.07	22.21	292.04	292.44	317.32	04.74 PHASE
				1.39	1.31	2.74	2.27	1.59	1.92	1.06	.57 AMP
				197.32	272.55	299.91	10.20	282.39	346.14	342.34	123.27 PHASE
				1.53	.75	3.20	3.12	1.45	.96	1.06	.94 AMP
				200.59	273.31	290.51	11.00	342.10	105.92	159.65	113.71 PHASE
				3.55	.20	4.00	3.00	1.00	1.31	2.02	.72 AMP
				315.70	291.13	260.75	342.06	9.06	03.02	204.42	75.50 PHASE
				5.03	.44	4.00	4.26	.92	1.92	3.00	.95 AMP
				326.79	22.34	274.49	351.35	60.10	105.09	263.12	113.20 PHASE
				0.13	1.20	5.77	5.10	.99	2.73	3.35	1.25 AMP
				329.19	30.34	265.96	341.19	52.27	03.20	260.05	99.15 PHASE
				9.46	1.53	6.30	6.71	.44	2.79	2.75	1.62 AMP
				333.23	47.90	253.42	320.23	16.71	22.69	243.47	93.10 PHASE
				3.50	2.32	1.06	1.14	.00	1.95	.42	.11 AMP
				125.94	270.72	309.42	61.10	329.97	262.56	345.06	79.29 PHASE
				2.92	1.90	1.99	1.41	.09	2.69	.53	.27 AMP
				136.74	274.14	305.39	35.93	290.55	270.19	344.50	04.11 PHASE
				1.70	1.44	2.16	1.70	1.29	2.73	1.09	.27 AMP
				154.50	272.23	300.40	21.54	279.00	300.03	17.24	121.00 PHASE
				5.52	1.10	2.34	2.25	1.16	.59	1.47	.43 AMP
				240.22	277.09	302.61	27.61	322.27	307.69	114.57	117.35 PHASE
				2.12	.04	3.05	2.02	.04	.40	1.43	.35 AMP
				315.61	200.31	202.41	6.52	333.70	47.23	101.61	62.33 PHASE
				4.23	.04	3.07	3.27	.43	1.75	1.71	.04 AMP
				326.94	303.33	270.04	365.09	5.70	79.05	245.04	40.37 PHASE
				6.94	.97	4.91	3.94	.22	2.09	1.31	1.01 AMP
				327.04	330.07	252.63	335.43	240.27	42.76	270.54	27.02 PHASE
				9.79	1.50	5.99	4.57	1.67	3.01	1.37	.02 AMP
				335.55	354.12	254.23	330.72	255.09	29.34	125.46	57.09 PHASE
				10.09	1.54	6.31	4.73	2.22	3.91	2.16	.00 AMP
				335.65	357.71	240.77	322.26	239.61	9.26	144.52	39.42 PHASE

TABLE VIII.- Continued

(a) Continued

TORSION 75 PERCENT RADIUS												
RUN NO 16												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
448	2.23	5.89	688	2.95	2.17	.59	.62	.26	.41	.42	.86	AMP
				288.57	187.12	61.52	348.16	198.25	159.17	338.27	84.41	PHASE
441	.26	4.28	688	2.31	2.82	.52	.68	.23	.29	.33	.19	AMP
				287.75	99.44	58.31	387.82	224.25	145.75	325.54	26.24	PHASE
442	-1.51	3.81	688	1.97	1.87	.49	.59	.21	.16	.32	.22	AMP
				388.28	97.41	43.82	288.47	258.33	129.88	326.85	22.61	PHASE
443	-3.84	3.81	688	1.81	1.78	.38	.68	.27	.09	.28	.28	AMP
				318.17	181.98	68.85	279.77	257.58	142.17	355.17	67.63	PHASE
444	-4.93	4.75	688	1.95	1.57	.36	.81	.36	.12	.43	.34	AMP
				343.28	183.94	85.77	253.85	251.18	326.81	16.56	81.85	PHASE
445	-7.11	5.28	688	2.48	1.48	.35	1.89	.55	.37	.51	.33	AMP
				4.81	94.42	184.82	221.23	243.76	325.88	355.34	68.39	PHASE
446	-8.88	6.41	687	3.82	1.34	.58	1.28	.57	.66	.74	.38	AMP
				19.78	187.69	132.91	236.82	282.84	8.37	42.31	123.89	PHASE
447	-18.47	8.21	688	3.83	1.39	.78	1.58	.55	.58	.97	.61	AMP
				21.47	182.15	124.54	211.88	278.36	351.34	24.42	118.89	PHASE
448	-11.76	9.21	688	4.63	1.45	.66	1.66	.57	1.89	.94	.54	AMP
				25.93	111.64	137.89	217.47	288.39	4.38	29.75	127.44	PHASE
449	-12.38	18.34	688	5.15	1.61	.88	1.81	.73	1.22	.99	.61	AMP
				24.35	189.49	135.19	213.64	287.88	359.34	18.67	115.88	PHASE
450	1.28	4.55	688	2.52	2.36	.49	.58	.22	.15	.27	.21	AMP
				294.21	187.85	49.35	354.36	11.85	153.58	18.67	322.45	PHASE
451	-.57	4.13	688	2.15	2.23	.42	.41	.17	.15	.22	.16	AMP
				383.52	182.14	39.85	332.81	357.84	127.73	.58	35.85	PHASE
452	-2.39	3.81	688	1.76	2.13	.35	.38	.12	.11	.21	.28	AMP
				318.52	96.97	48.85	381.84	329.55	142.49	338.65	68.82	PHASE
453	-4.19	3.74	688	1.78	1.99	.33	.35	.21	.15	.32	.26	AMP
				348.68	92.45	51.37	256.14	283.14	228.89	312.69	63.58	PHASE
454	-6.28	4.41	689	2.82	1.72	.88	.69	.35	.26	.41	.22	AMP
				.34	95.57	91.48	238.83	254.98	286.69	344.84	184.97	PHASE
455	-8.14	5.88	688	2.46	1.48	.28	1.85	.49	.34	.45	.45	AMP
				13.61	98.72	283.12	238.46	257.88	338.88	34.87	171.68	PHASE
456	-9.78	6.74	687	3.88	1.38	.36	1.32	.49	.35	.22	.22	AMP
				28.68	96.75	186.31	226.22	236.55	16.81	41.22	196.97	PHASE
457	-11.52	7.41	689	3.94	1.43	.45	1.53	.47	.54	.43	.33	AMP
				25.72	188.98	183.12	219.52	219.42	15.67	26.77	266.76	PHASE
458	-12.34	7.74	688	4.68	1.33	.36	1.56	.53	.37	.63	.88	AMP
				26.24	115.91	187.62	222.53	211.67	351.17	336.66	181.48	PHASE
459	1.84	4.39	688	2.53	1.88	.63	.58	.14	.31	.39	.11	AMP
				278.98	183.58	67.43	319.64	159.93	156.29	19.34	238.73	PHASE
460	-.56	3.88	688	2.82	1.69	.53	.84	.83	.28	.43	.29	AMP
				286.22	94.87	56.46	285.36	234.33	187.17	349.18	167.38	PHASE
461	-2.48	3.94	688	1.64	1.51	.41	.68	.16	.32	.58	.43	AMP
				311.18	93.88	67.87	266.21	265.44	88.59	342.78	147.74	PHASE
462	-4.82	4.88	688	1.66	1.34	.48	.81	.38	.33	.57	.51	AMP
				332.73	95.89	79.66	252.89	283.14	77.74	333.83	128.93	PHASE
463	-5.95	4.95	688	2.85	1.28	.46	1.85	.61	.44	.63	.67	AMP
				1.87	98.82	112.85	246.28	288.63	42.58	1.43	127.81	PHASE
464	-8.88	6.21	618	2.72	1.14	.54	1.38	.98	.65	.61	.83	AMP
				11.68	85.36	115.93	216.41	271.43	356.18	338.61	78.64	PHASE
465	-9.61	6.87	688	3.44	1.88	.66	1.68	.21	.84	.68	.85	AMP
				22.48	92.99	148.89	227.43	296.55	13.83	12.75	187.52	PHASE
466	-11.35	7.87	688	4.45	1.11	.85	1.86	.33	1.81	.65	.89	AMP
				25.99	96.49	142.25	217.18	296.35	18.32	357.82	97.12	PHASE
467	-12.48	8.74	688	5.27	1.26	.95	1.92	1.38	1.24	.75	.98	AMP
				25.29	98.17	144.86	285.59	295.94	359.98	351.79	77.29	PHASE
468	.25	3.54	688	1.99	1.39	.46	.44	.85	.23	.28	.27	AMP
				278.87	92.97	58.88	278.68	282.94	184.88	348.72	158.13	PHASE
469	-1.41	3.28	688	1.56	1.21	.34	.58	.18	.24	.31	.27	AMP
				295.33	91.79	68.97	268.79	283.19	81.36	327.98	139.88	PHASE
470	-3.29	2.94	688	1.38	1.88	.38	.59	.16	.27	.38	.27	AMP
				325.84	93.41	71.81	253.92	287.13	83.84	387.68	118.74	PHASE
471	-5.13	3.34	688	1.54	.96	.71	.71	.28	.24	.38	.34	AMP
				357.32	188.99	182.58	254.46	289.52	64.85	348.18	123.99	PHASE
472	-7.14	3.94	688	2.14	.87	.38	.86	.45	.32	.24	.43	AMP
				12.79	93.28	114.38	238.33	281.32	23.58	317.84	98.88	PHASE
473	-8.93	4.88	688	2.87	.79	.46	1.81	.55	.48	.18	.43	AMP
				28.74	91.24	124.48	218.68	283.76	8.11	291.21	84.58	PHASE
474	-18.85	5.61	688	3.82	.78	.68	1.28	.63	.51	.28	.38	AMP
				22.33	82.67	123.61	197.77	276.82	341.85	245.88	48.88	PHASE
475	-12.58	6.61	687	4.95	.81	.64	1.36	.68	.63	.33	.56	AMP
				28.73	99.21	123.79	194.83	283.49	344.15	288.38	49.88	PHASE
476	-13.35	6.81	688	5.51	.86	.69	1.43	.55	.69	.26	.61	AMP
				27.28	93.66	116.68	177.84	276.34	329.67	259.64	21.51	PHASE

TABLE VIII.- Continued

(a) Concluded

PITCH LINK											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
440	-5.80	6.73	600	3.95	2.42	1.02	.74	.60	.60	.66	.44
441	-4.20	6.98	600	112.25	305.15	219.27	103.51	269.92	337.64	70.05	128.10
442	-2.67	6.98	600	3.61	2.00	1.09	.91	.41	.42	.50	.49
443	-.92	6.54	600	142.71	200.00	214.24	78.37	244.44	329.60	61.43	101.45
444	1.12	8.16	600	3.75	1.73	1.06	1.05	.24	.23	.50	.51
445	3.41	10.40	600	163.16	270.30	220.49	64.23	227.20	333.03	90.55	114.65
446	5.39	13.11	607	4.20	1.74	.61	1.25	.20	.34	.60	.51
447	7.52	10.16	600	100.72	270.05	245.20	57.19	235.50	6.29	133.31	148.74
448	9.06	21.75	600	4.97	1.87	.27	1.95	.24	.37	.62	.67
449	10.02	25.33	600	195.62	269.81	292.11	55.48	6.34	90.39	165.07	168.39
450	-5.29	6.54	600	6.47	2.21	2.35	.40	.34	.34	.70	.70
451	-3.65	6.74	600	191.93	252.60	307.64	32.55	42.07	00.66	133.00	150.74
452	-1.90	6.02	600	8.50	2.53	1.30	2.02	.70	.65	1.20	.71
453	-.00	7.06	600	201.19	256.05	339.30	56.44	04.30	157.70	101.41	234.00
454	2.20	9.60	609	10.00	3.15	2.11	3.51	.03	1.00	1.49	1.49
455	4.65	13.50	600	197.31	245.05	343.06	41.32	74.84	161.35	164.20	216.06
456	6.77	16.73	607	12.73	3.33	2.34	3.06	.91	1.29	1.62	1.77
457	9.42	19.03	609	197.77	249.39	.31	53.34	69.04	179.20	165.60	238.23
458	11.01	23.10	600	14.07	3.62	2.99	3.80	.96	1.40	2.09	2.18
459	-3.94	6.66	600	107.34	247.25	3.47	51.37	93.54	175.74	150.07	212.10
460	-2.40	7.06	600	8.34	2.49	1.53	.40	.01	.22	.33	.44
461	-.47	7.10	600	139.60	301.01	231.24	111.00	210.33	41.67	71.76	30.35
462	1.13	7.57	600	3.70	1.07	1.04	.45	.63	.20	.25	.10
463	3.11	9.00	600	162.21	291.10	242.56	06.16	225.66	14.30	70.69	107.16
464	5.20	12.43	610	4.10	1.01	1.03	.53	.49	.25	.23	.29
465	7.05	14.22	600	173.05	279.13	255.53	49.60	210.24	9.61	121.57	100.05
466	9.00	17.33	600	4.95	1.93	.93	.05	.45	.45	.42	.62
467	10.30	22.22	600	101.60	266.32	279.04	37.47	201.92	25.69	135.57	202.59
468	-2.36	4.95	600	6.36	2.10	.99	1.50	.10	.39	.21	.74
469	-.70	5.15	600	107.05	260.45	300.13	40.42	3.07	77.53	145.37	233.11
470	.97	5.90	600	8.34	2.49	1.53	.50	.00	.10	.10	.70
471	2.79	7.45	600	192.32	272.43	344.33	62.71	30.50	175.26	55.01	290.04
472	4.75	9.04	600	10.27	2.03	1.96	2.02	1.04	.35	.55	.76
473	6.63	10.99	600	193.65	272.05	355.40	59.54	359.47	307.09	61.06	203.03
474	8.00	13.66	600	12.01	3.06	2.46	3.06	1.36	.16	1.30	.53
475	10.67	16.61	607	195.99	264.23	9.00	64.00	17.46	41.06	116.09	322.61
476	11.52	19.16	600	14.02	2.73	2.34	2.30	1.06	.91	2.13	1.20
				194.97	261.19	39.09	75.20	15.00	122.02	151.00	244.79
				3.22	1.05	.90	.05	.99	.30	.67	.00
				139.52	200.23	210.22	06.61	265.62	346.13	89.44	150.02
				3.51	1.54	.05	.93	.74	.10	.72	.45
				153.20	272.73	201.67	54.11	220.00	293.61	62.64	170.00
				4.02	1.41	.51	1.20	.57	.12	.70	.04
				171.93	259.04	211.10	46.83	192.67	214.63	97.35	199.10
				4.50	1.37	.21	1.50	.00	.17	.74	1.06
				109.36	250.21	207.52	44.20	173.93	75.90	117.90	199.32
				5.67	1.59	.25	2.05	1.07	.56	.06	1.77
				196.02	253.92	327.20	50.17	147.34	131.09	149.02	207.06
				7.41	1.90	.02	2.54	1.02	.75	1.04	2.19
				196.16	237.17	331.42	20.17	113.06	109.03	127.43	160.12
				9.17	2.33	1.41	2.03	2.30	.95	1.20	.32
				202.94	240.19	340.04	43.42	134.05	137.03	150.09	192.00
				11.51	3.00	2.29	3.22	2.77	1.06	1.30	2.61
				203.39	235.25	349.24	35.64	120.39	140.42	153.40	102.04
				13.30	3.50	2.97	3.44	2.70	1.40	1.71	2.97
				200.29	231.00	347.45	27.47	121.62	159.59	146.70	165.00
				2.50	1.09	.55	.64	.53	.00	.44	.33
				150.13	260.50	219.75	70.00	204.33	202.00	60.00	197.66
				3.11	.97	.30	.75	.45	.17	.36	.42
				175.53	250.76	201.52	55.72	172.40	233.37	73.07	196.50
				3.00	.93	.10	1.00	.57	.14	.59	.50
				104.02	254.50	204.00	40.35	161.42	320.53	90.10	107.29
				4.05	1.00	.13	1.26	.71	.18	.35	.02
				203.03	255.44	324.44	57.02	142.91	166.03	132.60	206.69
				6.22	1.12	.56	1.46	1.16	.23	.29	.96
				202.54	241.24	330.46	40.49	120.69	155.00	117.33	169.42
				7.05	1.39	1.02	1.66	1.48	.22	.24	1.14
				204.03	232.91	340.52	32.05	116.10	151.29	90.09	155.00
				10.12	1.04	1.56	1.02	1.00	.40	.16	1.22
				204.19	222.29	341.37	13.50	96.55	126.66	02.63	122.70
				12.73	2.47	2.07	2.10	2.07	.00	.55	1.45
				205.24	223.01	352.20	13.20	96.06	130.06	150.16	140.21
				14.23	2.19	2.30	2.17	2.00	1.02	.49	1.54
				202.74	219.06	346.79	356.21	01.10	134.90	152.10	100.05

TABLE VIII.- Continued

(b)  $\mu = 0.30$ ;  $M_T = 0.62$ 

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CQ/SIGMA
477	-1.0	2.1	6.0	.01654	-.00102	.00198
478	-1.4	3.1	8.0	.02457	-.00352	.00290
479	-1.0	4.7	9.8	.03946	-.00547	.00354
480	-1.2	5.5	12.0	.05765	-.00854	.00481
481	-2.0	6.4	13.8	.06867	-.01080	.00595
482	-2.5	7.2	15.9	.08555	-.01527	.00721
483	-3.3	8.1	18.0	.09570	-.01590	.00866
484	-3.6	8.6	19.0	.10242	-.01722	.00965
485	.2	2.8	3.9	.01668	.00005	.00159
486	.1	3.2	6.1	.03623	.00165	.00211
487	-.4	3.9	7.9	.04417	.00285	.00266
488	-1.3	5.4	10.2	.06186	.00454	.00353
489	-1.9	6.2	12.0	.07569	.00589	.00427
490	-2.4	6.7	13.8	.08915	.00695	.00525
491	-2.7	7.2	14.6	.09473	.00767	.00574
492	-3.1	8.0	15.9	.10062	.00886	.00660
493	.6	2.5	2.0	.02252	.00139	.00121
494	.3	2.8	4.0	.03996	.00174	.00128
495	-.2	3.7	6.1	.05499	.00180	.00155
496	-1.1	5.0	8.0	.06609	.00108	.00208
497	-1.6	5.8	9.9	.07446	.00087	.00265
498	-2.3	6.8	12.0	.09256	.00056	.00340
499	-2.7	7.3	12.8	.09665	-.00003	.00391

TABLE VIII.- Continued

(b) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
477	44.82	12.35	585	5.93	3.71	4.21	1.75	3.75	1.24	.82	.86 AMP
				156.76	348.28	37.93	359.27	98.22	332.55	259.26	91.45 PHASE
478	45.82	12.78	584	6.22	3.85	4.35	1.92	3.56	1.35	.86	.78 AMP
				153.89	343.21	29.45	348.57	89.82	322.15	243.28	78.93 PHASE
479	47.22	12.77	585	6.73	3.86	4.17	1.94	3.45	1.38	.66	.67 AMP
				148.93	346.14	28.95	337.16	72.55	312.84	227.19	54.88 PHASE
480	49.37	13.37	585	6.43	4.21	4.87	2.28	3.91	1.32	.64	.66 AMP
				137.15	346.97	6.91	321.28	68.28	288.11	198.71	22.87 PHASE
481	50.98	14.58	584	6.34	4.46	3.79	2.88	3.67	1.32	.68	.72 AMP
				127.38	354.65	3.83	326.65	71.77	287.73	191.18	33.22 PHASE
482	52.93	14.84	584	6.58	4.82	3.53	2.82	3.82	1.31	.83	.61 AMP
				188.44	356.88	345.83	383.16	67.39	264.74	176.17	355.79 PHASE
483	54.53	15.98	585	7.22	5.48	3.41	1.82	3.65	1.33	.97	.61 AMP
				88.66	359.34	324.17	276.13	69.61	243.84	166.22	326.82 PHASE
484	55.43	17.29	586	8.55	6.87	3.55	1.95	3.46	1.47	.95	.57 AMP
				75.88	358	311.13	257.75	72.67	235.22	172.85	294.46 PHASE
485	43.19	17.18	585	7.68	4.75	5.36	2.59	4.76	1.77	1.32	.71 AMP
				155.48	332.18	48.73	355.84	114.12	347.11	258.47	123.42 PHASE
486	45.15	16.43	584	7.45	4.72	5.79	2.64	4.45	1.98	1.58	1.46 AMP
				156.68	331.15	48.87	341.93	185.49	334.24	246.91	125.36 PHASE
487	46.64	14.98	584	7.19	4.59	5.55	2.55	4.55	1.77	1.39	1.29 AMP
				151.77	332.94	34.63	331.26	94.76	323.16	243.88	126.97 PHASE
488	48.43	14.93	585	6.99	4.58	5.28	2.52	4.63	1.67	1.51	1.11 AMP
				143.57	336.53	24.99	315.12	85.13	384.94	228.73	117.42 PHASE
489	49.94	14.67	585	6.68	4.38	5.38	2.44	4.93	1.48	1.22	1.22 AMP
				136.61	343.85	24.34	318.66	94.84	384.95	238.32	118.26 PHASE
490	51.66	15.84	585	6.89	4.25	4.39	2.23	4.68	1.52	1.88	1.34 AMP
				128.26	346.88	18.13	288.99	84.76	276.37	288.55	133.66 PHASE
491	52.36	15.78	584	6.25	4.38	4.23	2.21	4.69	1.44	1.92	1.74 AMP
				112.18	358.86	3.41	281.95	89.83	266.26	282.62	135.16 PHASE
492	53.15	16.62	584	6.44	4.73	4.84	2.27	4.91	1.47	2.84	1.88 AMP
				182.28	357.76	354.98	276.18	96.76	261.54	284.92	144.69 PHASE
493	42.63	28.76	583	8.65	6.15	6.71	3.71	4.98	2.25	1.72	2.25 AMP
				156.43	326.79	68.99	5.34	124.92	347.81	257.98	137.23 PHASE
494	44.42	28.26	585	8.51	6.85	6.36	3.48	4.48	2.39	1.92	1.65 AMP
				154.25	319.86	52.65	345.54	93.76	313.51	235.57	121.58 PHASE
495	46.87	18.55	584	8.22	5.66	6.88	3.86	4.38	2.16	1.81	1.17 AMP
				154.19	327.13	57.41	356.48	183.72	331.77	261.57	155.21 PHASE
496	47.52	18.56	584	7.99	5.26	6.84	2.87	4.47	2.22	1.87	.88 AMP
				145.48	327.64	48.11	348.86	84.88	315.58	258.96	282.21 PHASE
497	49.81	18.59	585	7.36	4.76	5.67	2.46	4.88	2.88	1.78	1.87 AMP
				148.83	332.68	44.25	345.98	85.34	381.49	251.49	235.88 PHASE
498	58.32	28.31	585	7.28	4.97	5.22	2.42	4.97	1.89	1.57	1.57 AMP
				129.38	339.87	33.32	332.71	86.12	279.57	232.49	229.34 PHASE
499	58.89	21.89	585	7.83	4.88	5.14	2.36	2.94	1.76	1.68	3.78 AMP
				128.28	338.12	19.74	315.67	73.94	254.21	217.23	289.72 PHASE

CHORDWISE 25 PERCENT RADIUS											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
477	58.87	16.38	585	3.52	2.18	4.64	2.53	.68	3.38	1.63	.63 ANP
				272.88	133.15	272.66	66.54	136.75	348.87	98.16	152.88 PHASE
478	51.81	19.54	584	7.42	3.94	7.37	3.99	1.54	2.96	2.72	.75 AMP
				313.52	131.69	248.55	45.42	329.31	94.64	97.68	145.74 PHASE
479	52.82	32.38	585	17.41	6.53	11.25	4.47	2.54	2.38	2.59	.82 AMP
				333.56	143.56	234.94	33.45	333.55	138.45	111.89	139.88 PHASE
480	52.45	58.34	585	34.88	7.17	18.42	2.88	1.61	1.61	1.71	1.71 AMP
				353.99	152.67	231.17	31.49	2.79	339.61	388.93	159.58 PHASE
481	52.69	76.13	584	47.15	7.68	22.61	6.26	1.44	3.33	2.59	.59 AMP
				359.44	169.22	237.96	43.11	9.25	2.71	338.27	178.24 PHASE
482	52.36	97.98	584	65.39	7.49	27.86	6.14	2.88	3.98	2.95	.44 AMP
				1.22	177.27	235.88	28.19	252.92	15.71	354.98	171.68 PHASE
483	52.48	114.15	585	82.53	8.68	31.23	6.57	4.87	5.58	2.43	.68 AMP
				1.13	192.67	232.89	21.88	239.61	42.51	19.88	147.81 PHASE
484	53.61	125.38	586	97.47	9.99	32.98	6.87	6.57	6.61	1.34	.45 AMP
				3.68	288.79	232.18	7.32	258.23	45.76	23.91	76.23 PHASE
485	49.99	28.52	585	7.29	4.78	6.87	2.18	1.88	1.48	3.35	.85 AMP
				281.22	122.67	274.38	62.52	148.85	66.66	111.32	182.26 PHASE
486	49.95	36.12	584	15.42	9.78	18.61	4.84	2.16	4.25	4.88	.73 AMP
				318.52	128.78	255.22	32.84	351.33	146.38	96.91	173.64 PHASE
487	49.94	43.84	584	23.55	11.29	14.27	5.65	2.29	2.85	2.54	1.28 AMP
				334.97	137.17	243.85	37.48	11.41	185.46	85.31	181.57 PHASE
488	49.91	57.51	585	34.16	11.98	18.71	5.53	2.54	1.96	1.77	.97 AMP
				348.31	143.98	237.81	35.81	8.92	264.97	27.38	178.29 PHASE
489	49.27	73.28	585	44.49	12.38	22.58	5.74	2.95	3.25	3.65	1.49 AMP
				347.17	151.62	242.15	43.29	13.67	318.95	352.19	187.88 PHASE
490	47.78	91.64	585	59.52	11.87	26.37	5.77	2.67	4.73	6.16	.53 AMP
				353.14	158.19	238.99	39.23	22.55	345.76	338.82	284.14 PHASE
491	46.83	188.54	584	66.13	11.46	28.82	5.99	2.48	6.81	6.82	.69 AMP
				354.79	151.94	248.37	34.56	6.14	354.18	342.68	235.95 PHASE
492	46.89	111.78	584	75.88	18.26	38.11	5.73	2.79	6.84	7.61	.68 AMP
				356.38	158.85	243.88	38.75	353.22	5.81	348.18	298.79 PHASE
493	48.59	29.35	583	12.86	8.87	13.87	2.32	3.98	3.57	3.67	1.49 AMP
				277.18	127.72	279.91	84.32	317.93	257.71	116.47	215.35 PHASE
494	47.63	36.82	585	18.11	18.33	18.52	2.88	4.41	1.87	3.52	1.87 AMP
				298.18	134.82	261.85	15.59	293.28	171.68	87.31	175.64 PHASE
495	46.42	47.12	584	26.58	13.33	13.55	4.22	4.93	4.82	3.25	.78 AMP
				325.28	147.72	256.16	49.37	318.61	234.49	121.27	284.18 PHASE
496	45.39	55.16	584	34.66	14.17	17.34	4.58	5.18	4.81	2.77	.37 AMP
				338.18	148.88	249.56	46.91	312.72	251.53	114.43	199.89 PHASE
497	44.13	67.25	585	45.72	14.86	19.87	5.58	4.56	3.19	3.82	.65 AMP
				339.88	149.85	258.38	53.56	321.99	313.89	48.28	277.58 PHASE
498	42.53	88.27	585	57.95	15.23	24.88	6.89	4.41	5.84	5.28	1.74 AMP
				347.17	151.28	258.57	49.93	325.38	343.84	2.88	297.78 PHASE
499	41.93	93.85	585	62.51	14.36	25.89	5.89	3.98	7.42	7.28	.89 AMP
				345.16	145.19	241.42	33.26	319.36	348.27	347.48	291.76 PHASE



TABLE VIII.- Continued

(b) Continued

TORSION 28 PERCENT RADIUS											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
477	.88	5.87	585	2.68	1.19	.31	.84	.91	.53	.25	.26 AMP
				312.18	121.88	27.41	319.95	39.64	178.19	328.32	182.18 PHASE
478	-.88	4.93	584	2.58	.98	.19	.85	.93	.58	.18	.35 AMP
				329.79	125.38	7.99	383.49	41.89	192.86	323.89	166.98 PHASE
479	-2.41	4.98	585	2.83	.75	.14	1.01	.98	.42	.23	.33 AMP
				342.45	138.28	298.59	292.46	35.78	177.28	336.22	144.54 PHASE
480	-4.86	6.84	585	3.64	.77	.35	1.25	.98	.64	.41	.19 AMP
				358.67	131.23	259.33	286.98	24.58	169.96	383.25	129.88 PHASE
481	-6.69	6.81	584	4.42	.73	.59	1.27	.99	.71	.52	.14 AMP
				9.88	142.84	256.73	293.81	41.71	189.48	388.62	129.48 PHASE
482	-8.95	9.11	584	5.81	.86	1.04	1.27	1.17	.73	.72	.12 AMP
				14.36	135.78	244.95	283.76	37.98	186.99	298.15	17.38 PHASE
483	-11.12	11.61	585	7.58	1.14	1.58	1.22	1.44	.52	.71	.28 AMP
				16.37	124.79	233.98	271.62	36.78	166.43	287.21	4.58 PHASE
484	-12.57	13.48	586	9.89	1.28	1.69	1.84	1.71	.55	.56	.18 AMP
				14.81	98.24	238.61	273.35	39.49	136.41	272.73	299.64 PHASE
485	1.98	6.69	585	3.22	1.89	.34	1.17	1.12	.54	.17	.48 AMP
				318.21	122.98	51.28	322.68	62.14	178.36	.89	191.69 PHASE
486	-.24	6.66	584	3.18	1.65	.12	1.31	1.89	.38	.21	.45 AMP
				331.58	122.86	45.47	383.13	59.11	281.98	344.58	194.82 PHASE
487	-2.81	6.71	584	3.41	1.62	.13	1.38	1.17	.58	.48	.51 AMP
				343.86	121.44	298.93	296.97	59.57	187.88	341.96	197.18 PHASE
488	-4.11	7.85	585	4.84	1.33	.26	1.42	1.19	.48	.57	.39 AMP
				354.44	121.78	251.93	289.23	54.78	182.34	322.59	195.62 PHASE
489	-5.96	8.16	585	4.86	1.34	.52	1.49	1.35	.58	.71	.43 AMP
				3.87	123.73	244.74	293.41	62.16	195.71	329.91	198.29 PHASE
490	-8.35	18.48	585	6.48	1.72	.98	1.58	1.48	.62	.78	.56 AMP
				9.54	117.22	239.39	289.98	54.81	281.24	312.93	197.31 PHASE
491	-9.58	11.38	584	7.39	1.99	1.32	1.58	1.45	.45	.82	.66 AMP
				11.64	118.58	239.12	289.35	53.48	238.15	323.98	189.61 PHASE
492	-18.78	12.89	584	8.52	2.25	1.54	1.51	1.49	.39	.85	.75 AMP
				13.98	116.61	248.46	298.38	54.37	279.84	337.39	281.17 PHASE
493	2.73	7.52	583	3.67	2.22	.44	1.71	1.18	.45	.21	.65 AMP
				318.84	135.58	87.69	338.43	84.72	199.28	21.62	227.82 PHASE
494	.64	7.62	585	3.66	2.86	.26	1.58	.98	.45	.32	.49 AMP
				331.81	129.88	71.83	315.11	46.66	213.13	322.78	197.58 PHASE
495	-1.53	7.86	584	4.85	1.93	.89	1.55	1.81	.43	.68	.29 AMP
				347.39	132.68	348.33	328.49	66.32	249.56	339.98	241.52 PHASE
496	-3.43	8.36	584	4.65	1.89	.17	1.76	.98	.32	.82	.38 AMP
				354.28	128.26	267.86	389.85	52.85	242.25	342.86	291.98 PHASE
497	-5.77	9.65	585	5.88	2.89	.51	1.85	.89	.34	.88	.75 AMP
				2.43	123.95	254.81	388.69	44.88	287.64	347.64	298.16 PHASE
498	-8.36	11.62	585	7.68	2.47	.83	2.89	.98	.68	1.82	1.16 AMP
				7.54	128.84	252.57	381.44	11.47	342.35	343.52	296.18 PHASE
499	-9.43	13.21	585	8.42	2.62	.93	2.16	1.86	.72	1.17	1.54 AMP
				5.53	111.48	242.62	288.67	353.57	322.78	319.27	274.19 PHASE

TABLE VIII.- Continued

(b) Continued

FLAPWISE 37 PERCENT RADIUS											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
477	28.82	14.66	585	9.65	5.21	5.47	1.27	2.83	.32	.29	.29 AMP
				145.35	339.47	42.33	344.95	98.87	388.32	239.75	244.17 PHASE
478	38.45	15.88	584	18.46	5.45	6.88	1.27	1.84	.61	.27	.24 AMP
				145.42	338.87	34.63	335.92	92.55	298.33	248.57	231.58 PHASE
479	31.93	16.27	585	11.38	5.54	6.24	1.24	1.75	.52	.25	.28 AMP
				143.62	339.68	28.37	328.27	78.13	289.88	232.68	287.59 PHASE
480	33.94	18.21	585	12.35	6.87	6.52	1.38	2.84	.49	.34	.27 AMP
				142.65	337.88	28.61	388.54	58.39	268.42	225.73	162.33 PHASE
481	35.58	18.36	584	12.85	6.38	6.52	1.27	1.98	.54	.35	.38 AMP
				144.27	343.88	25.29	313.84	78.85	254.66	263.28	195.68 PHASE
482	37.46	19.45	584	13.55	6.52	6.36	1.17	2.18	.58	.24	.31 AMP
				141.74	342.25	16.62	292.79	65.39	225.51	271.61	159.16 PHASE
483	39.18	28.88	585	13.89	6.87	5.98	1.88	1.92	.71	.16	.34 AMP
				138.25	342.85	8.31	271.19	64.63	218.13	262.88	135.37 PHASE
484	39.92	19.87	586	14.86	7.22	5.39	.96	1.82	.78	.85	.37 AMP
				135.38	343.38	2.61	254.31	69.27	284.89	185.75	184.43 PHASE
485	27.18	19.85	585	11.37	6.79	6.91	1.75	2.56	.54	.34	.46 AMP
				143.15	328.44	49.51	344.87	116.86	321.56	258.67	278.22 PHASE
486	28.78	21.24	584	12.28	7.89	7.78	1.66	2.39	.64	.37	.32 AMP
				143.99	324.99	42.66	334.48	111.55	314.85	236.85	264.86 PHASE
487	38.23	28.97	584	12.82	7.88	7.82	1.63	2.24	.54	.38	.21 AMP
				143.44	325.85	37.38	323.84	188.84	388.76	213.18	277.85 PHASE
488	32.11	28.76	585	13.45	6.87	7.89	1.48	2.28	.56	.43	.14 AMP
				141.51	326.56	31.18	387.33	87.86	273.94	198.22	278.78 PHASE
489	33.58	21.87	585	13.79	6.74	7.84	1.29	2.39	.55	.48	.22 AMP
				142.17	329.96	32.91	388.58	97.18	265.47	215.18	266.38 PHASE
490	35.23	28.56	585	13.99	6.21	7.67	1.26	2.16	.64	.33	.14 AMP
				139.12	327.61	24.42	272.31	98.21	234.81	194.98	292.34 PHASE
491	35.88	28.57	584	14.21	6.22	7.58	1.29	2.22	.69	.33	.28 AMP
				137.75	328.75	21.41	262.98	95.62	221.89	184.84	311.43 PHASE
492	36.79	21.82	584	14.35	6.17	7.28	1.28	2.33	.78	.38	.22 AMP
				137.13	334.82	28.11	256.83	183.88	214.78	183.41	329.84 PHASE
493	25.44	24.92	583	12.93	8.86	8.84	2.43	3.83	.55	.35	.57 AMP
				145.39	326.39	66.57	352.98	131.18	358.74	257.58	293.33 PHASE
494	27.87	25.84	585	13.84	8.75	7.87	2.12	2.64	.57	.38	.39 AMP
				143.87	317.71	51.17	341.32	183.68	317.59	284.27	278.21 PHASE
495	28.73	24.46	584	14.47	8.37	7.84	1.88	2.34	.44	.33	.21 AMP
				146.51	323.42	55.77	352.12	114.98	351.81	218.73	316.29 PHASE
496	38.25	23.76	584	14.91	7.95	8.28	1.42	2.48	.48	.38	.21 AMP
				143.62	321.88	47.14	345.29	92.38	328.87	282.98	6.82 PHASE
497	31.88	23.13	585	15.83	7.32	8.39	1.34	2.14	.29	.51	.36 AMP
				142.97	323.83	45.87	347.15	93.59	276.66	286.99	91.79 PHASE
498	33.14	22.88	585	15.52	7.65	8.43	1.38	1.54	.42	.48	.63 AMP
				141.18	324.77	37.81	338.93	93.89	232.23	216.43	79.37 PHASE
499	33.79	22.74	585	15.49	7.36	8.58	1.24	1.59	.56	.51	.85 AMP
				137.62	328.28	26.48	316.21	88.34	285.87	191.72	55.22 PHASE

CHORDWISE 37 PERCENT RADIUS											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
477	22.48	19.42	585	4.87	2.23	3.42	3.45	.93	4.81	2.58	.73 AMP
				275.92	128.69	292.44	59.74	148.97	345.82	89.91	183.23 PHASE
478	22.99	21.11	584	7.15	3.59	5.29	5.13	1.13	3.66	4.44	.88 AMP
				386.64	131.89	266.81	45.17	318.28	79.16	91.67	158.37 PHASE
479	22.94	27.87	585	14.89	5.48	8.28	5.95	2.55	2.26	4.18	.97 AMP
				327.21	141.27	247.71	36.89	325.19	133.49	112.97	135.86 PHASE
480	22.73	49.87	585	26.35	5.94	13.98	7.64	2.78	4.53	3.74	1.58 AMP
				346.38	148.51	241.83	31.15	359.85	326.75	279.43	156.84 PHASE
481	22.25	63.65	584	35.45	6.23	17.27	8.52	1.98	4.82	5.51	1.44 AMP
				351.95	184.47	248.84	48.97	92.28	347.87	387.72	171.67 PHASE
482	28.87	79.29	584	49.12	6.44	22.11	9.23	1.88	4.81	5.64	.89 AMP
				354.84	178.31	245.55	26.44	265.33	.66	332.75	151.58 PHASE
483	19.55	87.97	585	62.89	7.88	25.63	18.15	3.91	6.16	4.21	1.18 AMP
				354.14	183.98	242.14	17.32	241.64	35.84	359.88	186.12 PHASE
484	28.19	95.86	586	72.16	9.24	28.52	9.88	7.34	8.12	2.34	2.16 AMP
				367.43	188.79	239.99	2.17	261.87	39.32	18.68	48.39 PHASE
485	22.64	28.55	585	7.37	4.24	4.95	3.51	1.58	1.98	5.53	.89 AMP
				279.42	111.54	283.95	54.83	159.93	48.87	184.58	233.35 PHASE
486	22.22	38.84	584	13.48	8.83	7.84	5.58	1.31	4.78	6.72	.51 AMP
				318.23	124.98	266.99	34.73	332.43	139.26	92.81	293.37 PHASE
487	21.64	39.57	584	19.25	9.52	18.73	7.52	1.43	1.71	3.83	.85 AMP
				325.89	133.28	254.82	38.24	.62	288.43	88.12	162.72 PHASE
488	28.82	58.86	585	27.26	18.21	14.48	7.84	2.89	3.59	2.32	.77 AMP
				332.15	139.15	249.72	35.81	1.18	277.64	22.18	129.94 PHASE
489	19.51	59.86	585	35.24	18.89	17.86	8.56	2.75	6.69	4.52	.81 AMP
				339.57	146.72	254.29	43.62	9.35	317.19	338.81	156.97 PHASE
490	16.98	77.93	585	46.83	11.27	21.74	9.88	2.84	7.63	18.18	.31 AMP
				345.88	145.82	251.72	37.71	14.69	348.42	338.17	33.82 PHASE
491	15.58	84.43	584	52.27	11.31	23.63	9.46	2.56	9.28	11.29	.89 AMP
				347.69	146.47	253.87	33.89	351.69	348.75	335.39	384.89 PHASE
492	14.71	91.61	584	59.17	18.73	25.96	9.43	3.27	9.94	12.68	1.78 AMP
				349.66	152.88	255.19	38.33	341.83	1.48	342.69	333.38 PHASE
493	21.78	25.47	583	11.62	5.35	6.88	3.59	3.58	2.72	5.83	2.42 AMP
				275.96	119.13	284.84	71.38	389.36	268.62	118.51	232.44 PHASE
494	28.67	34.45	585	16.34	8.98	8.28	3.88	4.86	1.58	6.12	.43 AMP
				294.26	129.99	268.62	31.17	282.88	177.35	79.52	281.91 PHASE
495	19.11	44.74	584	22.66	11.92	18.61	6.52	5.58	4.39	5.89	.12 AMP
				318.86	143.47	267.26	54.65	384.16	248.19	121.47	129.82 PHASE
496	17.56	58.89	584	29.86	12.97	13.79	7.27	5.89	4.93	5.23	1.35 AMP
				324.23	143.87	261.92	52.59	303.89	262.41	128.37	91.18 PHASE
497	15.38	68.81	585	37.77	14.15	15.98	8.95	5.62	4.78	3.82	1.81 AMP
				333.96	144.87	264.58	57.42	315.98	328.32	58.88	7.97 PHASE
498	12.51	76.29	585	47.81	15.85	19.94	9.88	6.59	8.89	7.18	2.34 AMP
				341.38	145.84	265.88	52.54	324.17	348.92	385.33	29.67 PHASE
499	11.51	76.66	585	51.67	14.61	21.77	9.91	6.24	11.36	18.31	3.84 AMP
				339.38	141.74	256.39	36.12	319.92	352.58	344.13	4.92 PHASE

TABLE VIII.- Continued

(b) Continued

TORSION 36 PERCENT RADIUS											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
477	.49	4.91	585	2.75	1.34	.22	.74	.88	.48	.21	.19
478	-1.35	4.83	584	389.86	184.81	14.52	298.47	3.53	138.33	283.84	132.88
479	-2.88	4.79	585	2.73	1.87	.88	.77	.82	.46	.17	.24
480	-5.34	5.87	585	326.87	188.32	351.61	274.56	5.77	158.84	283.98	115.12
481	-7.12	6.57	584	3.84	.98	.18	.98	.81	.39	.22	.25
482	-9.35	8.44	584	337.77	111.62	288.15	263.24	358.33	134.46	292.57	98.76
483	-11.49	18.62	585	3.81	.84	.25	1.89	.87	.57	.37	.13
484	-12.94	12.38	586	352.18	114.79	216.11	257.71	347.41	127.64	268.12	68.75
485	1.39	6.21	585	4.52	.88	.45	1.12	.86	.62	.44	.18
486	-.88	6.21	584	2.82	127.17	214.72	264.87	5.85	148.16	263.83	73.28
487	-2.52	6.48	584	5.75	.98	.84	1.13	1.82	.67	.61	.18
488	-4.61	6.72	585	7.43	123.98	287.57	255.78	2.27	142.58	245.58	334.58
489	-6.44	7.77	585	7.23	1.22	1.32	1.88	1.26	.49	.64	.22
490	-8.77	9.58	585	9.41	115.17	199.59	244.86	2.17	122.46	242.13	316.88
491	-9.98	18.58	584	8.67	1.33	1.34	.88	1.53	.54	.52	.14
492	-11.15	11.75	584	7.69	92.26	282.84	249.15	5.68	94.49	228.89	261.72
493	2.16	7.88	583	3.28	2.88	.27	1.82	.96	.58	.28	.34
494	.11	7.12	585	384.91	188.63	38.24	294.88	24.88	136.24	328.36	146.71
495	-1.99	7.25	584	3.18	1.76	.84	1.14	.98	.38	.23	.31
496	-3.84	7.48	584	325.46	189.88	27.85	274.89	28.55	153.76	389.87	152.24
497	-6.89	8.37	585	3.48	1.68	.14	1.12	.95	.45	.39	.35
498	-8.57	18.35	585	337.57	188.45	232.73	269.58	28.64	141.31	382.64	151.15
499	-9.59	11.73	585	4.11	1.39	.24	1.21	.99	.44	.53	.27
				347.58	188.31	212.36	262.12	16.22	135.58	283.59	158.21
				4.87	1.48	.58	1.28	1.11	.52	.63	.29
				356.96	111.96	212.43	266.17	23.42	148.71	286.68	145.59
				5.29	1.78	.91	1.41	1.16	.57	.68	.48
				2.77	185.48	286.55	262.14	17.15	148.45	267.32	158.18
				7.16	2.88	1.17	1.42	1.28	.35	.72	.48
				4.66	185.54	286.68	268.39	15.47	169.88	276.76	139.63
				8.21	2.27	1.38	1.35	1.27	.28	.74	.57
				7.27	184.27	286.84	261.44	16.52	219.78	289.59	149.51
				3.72	2.44	.31	1.46	.95	.42	.25	.46
				311.37	124.57	69.75	318.78	45.14	154.21	349.43	184.88
				3.69	2.16	.16	1.36	.87	.42	.33	.38
				323.68	115.21	57.18	286.55	7.48	163.28	298.45	155.88
				4.88	1.97	.87	1.33	.89	.36	.53	.18
				339.58	112.49	245.76	291.45	26.48	198.11	383.93	285.54
				4.56	1.87	.28	1.53	.81	.27	.76	.25
				346.87	113.44	214.56	283.88	10.81	188.88	382.68	262.17
				5.57	1.98	.46	1.62	.83	.22	.78	.55
				354.58	109.04	217.57	279.41	3.73	227.17	383.88	256.97
				7.22	2.27	.73	1.89	.88	.44	.89	.85
				359.36	104.26	211.88	272.88	336.26	381.83	381.12	249.77
				7.87	2.41	.88	1.96	.99	.52	.98	1.13
				357.51	94.98	281.78	259.51	318.28	281.51	275.28	226.22

TABLE VIII.- Continued

(b) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
477	12.94	28.88	585	13.68	7.45	6.38	1.88	1.45	.52	.64	.85 AMP
478	14.66	28.88	584	139.23	328.27	36.58	322.95	274.68	142.81	55.63	274.82 PHASE
479	16.38	21.74	585	14.54	7.64	7.15	1.18	1.48	.55	.69	274.77 AMP
480	18.45	23.98	585	139.67	325.85	28.89	318.68	266.82	127.81	48.78	261.54 PHASE
481	20.32	25.38	584	15.68	7.67	7.78	.96	1.43	.51	.52	261.67 AMP
482	22.53	26.69	584	138.78	324.52	22.94	384.39	256.73	118.58	24.48	235.78 PHASE
483	24.48	27.59	585	17.85	8.19	8.77	1.83	1.65	.51	.58	235.68 AMP
484	25.42	27.32	586	138.74	321.89	16.55	285.65	247.35	93.37	340.89	214.23 PHASE
485	26.13	25.98	585	17.87	8.35	9.89	.99	1.47	.53	.57	214.23 AMP
486	12.82	27.76	584	141.73	326.53	21.67	286.85	259.52	98.63	345.93	228.49 PHASE
487	13.66	28.27	584	19.18	8.28	9.39	.85	1.47	.52	.69	228.48 AMP
488	15.89	28.27	585	148.83	321.18	14.62	277.51	256.38	88.81	337.11	174.28 PHASE
489	17.64	28.85	585	19.88	8.34	9.23	.72	1.44	.47	.73	174.28 AMP
490	19.61	28.38	585	139.32	318.85	7.63	267.71	256.88	67.99	329.38	142.36 PHASE
491	20.46	28.71	584	28.25	8.52	8.66	.59	1.37	.55	.71	142.36 AMP
492	21.55	27.98	584	138.86	317.48	3.61	268.19	268.33	53.88	341.63	185.65 PHASE
493	7.44	31.32	583	15.64	18.21	7.81	1.59	1.67	.79	1.85	1.71 AMP
494	9.37	31.23	585	136.88	321.47	46.88	328.52	279.18	141.62	56.58	388.86 PHASE
495	11.38	31.82	584	16.77	18.74	8.98	1.57	1.64	.97	1.18	388.86 AMP
496	13.17	31.12	584	137.23	317.78	39.62	338.55	268.69	122.98	58.11	381.59 PHASE
497	15.86	30.42	585	17.67	18.58	9.37	1.61	1.81	1.88	1.83	381.59 AMP
498	16.73	31.89	585	137.52	315.94	34.85	323.21	261.81	112.18	47.92	383.87 PHASE
499	17.63	31.19	585	18.77	18.21	9.83	1.51	1.74	1.16	1.82	383.87 AMP
				137.88	314.66	27.56	313.86	256.14	98.48	33.87	298.88 PHASE
				19.42	9.97	18.84	1.47	1.74	.83	1.14	298.88 AMP
				138.87	315.59	28.82	318.81	266.21	98.83	36.31	381.43 PHASE
				28.87	9.27	18.89	1.33	1.59	.91	1.37	381.43 AMP
				137.32	388.88	19.36	386.64	255.36	79.14	16.19	317.11 PHASE
				28.52	9.22	18.83	1.38	1.55	.87	1.43	317.11 AMP
				136.87	388.42	17.32	382.53	258.74	74.24	12.88	317.51 PHASE
				28.83	9.83	9.78	1.31	1.56	.84	1.82	317.51 AMP
				137.23	318.99	17.88	381.75	268.88	73.41	17.97	328.25 PHASE
				17.32	13.49	8.69	1.54	1.86	1.39	1.55	328.25 AMP
				139.59	324.27	63.41	352.83	287.29	144.88	64.54	315.54 PHASE
				18.41	13.82	8.81	1.38	1.78	1.53	1.82	315.54 AMP
				137.62	314.62	40.98	345.84	268.88	118.86	42.92	384.88 PHASE
				19.21	12.43	9.86	1.48	1.72	1.44	1.76	384.88 AMP
				142.83	319.83	51.88	355.85	275.61	125.48	78.18	339.78 PHASE
				19.97	11.72	15.32	1.64	1.61	1.76	1.87	339.78 AMP
				143.18	314.65	42.17	344.22	259.78	113.98	63.49	22.74 PHASE
				20.49	18.65	9.79	1.22	1.38	1.63	1.61	22.74 AMP
				148.41	312.88	39.85	343.92	259.58	106.46	64.98	51.14 PHASE
				21.56	18.89	18.18	1.16	1.83	1.45	1.53	51.14 AMP
				139.94	313.35	32.93	347.84	258.44	91.67	52.48	45.96 PHASE
				21.79	18.38	18.21	1.17	.93	1.47	1.61	45.96 AMP
				136.55	387.15	22.89	336.95	243.53	78.98	37.46	26.54 PHASE

CHORDWISE 51 PERCENT RADIUS											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
477	2.84	21.94	585	5.28	2.64	2.98	3.64	.74	5.22	2.72	.68 AMP
478	1.88	23.85	584	292.59	142.89	296.21	63.98	172.73	347.56	93.83	284.37 PHASE
479	1.32	27.15	585	8.33	3.88	4.46	5.36	1.24	3.79	4.92	.76 AMP
480	.73	44.38	585	387.42	139.69	274.56	58.25	297.82	74.89	94.12	161.32 PHASE
481	.85	54.32	584	13.56	5.28	6.68	6.33	2.48	1.91	4.57	.92 AMP
482	-1.46	65.81	584	321.22	144.48	256.98	41.84	313.88	132.19	117.33	128.99 PHASE
483	-3.13	68.49	585	22.36	5.79	18.95	8.18	2.26	5.13	4.85	1.85 AMP
484	-2.65	75.68	586	336.81	146.92	258.88	35.88	352.97	326.23	277.88	156.64 PHASE
485	2.38	24.28	585	29.17	5.94	13.63	9.23	1.68	5.35	6.55	1.69 AMP
486	2.83	38.52	584	342.67	158.73	256.48	43.99	2.82	345.58	386.98	173.27 PHASE
487	1.74	48.57	584	39.31	5.62	17.77	18.23	1.67	5.21	6.47	.91 AMP
488	-1.88	53.44	585	344.83	158.92	253.38	29.86	264.81	357.33	332.88	147.77 PHASE
489	-2.44	65.45	585	49.83	5.64	28.71	11.31	3.78	6.24	4.98	1.41 AMP
490	-4.85	71.38	584	345.16	167.78	249.15	18.38	243.22	32.49	.21	94.75 PHASE
491	-5.18	77.28	584	54.97	8.38	24.13	11.88	7.29	8.45	2.85	3.81 AMP
492	-4.95	66.19	585	349.32	172.84	245.14	.82	264.32	36.56	22.99	48.12 PHASE
493	-4.88	66.19	585	8.18	4.43	4.23	3.75	1.39	2.14	6.12	.92 AMP
494	-4.95	66.19	585	288.98	121.35	286.69	63.12	187.74	41.32	187.41	268.82 PHASE
495	1.64	43.44	584	13.45	7.62	6.64	5.73	1.63	4.74	7.51	.95 AMP
496	3.88	49.87	584	387.28	128.53	275.92	47.65	384.88	139.93	93.69	324.88 PHASE
497	-1.88	56.54	585	17.88	8.78	8.63	7.66	1.34	1.63	4.22	.63 AMP
498	-4.95	66.19	585	318.69	134.19	264.44	46.58	322.65	216.85	92.34	133.15 PHASE
499	-4.95	66.19	585	24.85	9.29	11.38	8.27	1.72	4.19	2.42	1.81 AMP
				324.24	137.55	258.78	42.11	339.89	282.89	23.49	182.11 PHASE
				38.17	9.78	14.19	9.18	2.23	6.51	5.88	1.87 AMP
				331.86	142.61	262.88	47.99	356.35	319.17	341.13	137.48 PHASE
				38.87	18.15	17.58	9.63	2.88	8.48	11.51	.82 AMP
				336.67	137.48	259.24	39.75	4.62	341.48	332.96	57.41 PHASE
				43.26	18.32	19.28	18.14	2.42	18.11	12.85	.86 AMP
				338.49	137.12	268.87	35.34	348.34	349.58	338.59	332.88 PHASE
				48.58	18.11	21.58	18.36	3.38	18.93	14.28	2.82 AMP
				348.98	141.38	261.39	38.48	334.67	2.74	346.54	346.51 PHASE
				11.67	5.94	5.36	3.76	3.99	6.29	4.22	2.46 AMP
				284.11	127.85	288.64	85.71	311.17	274.21	111.25	239.31 PHASE
				18.98	8.86	6.95	3.94	5.18	1.41	6.73	1.39 AMP
				295.82	131.36	274.49	49.66	281.58	186.96	81.16	289.46 PHASE
				28.88	11.84	8.46	6.67	5.69	4.68	6.82	.33 AMP
				314.27	142.46	274.66	64.64	382.16	246.46	124.64	76.29 PHASE
				25.88	11.74	18.86	7.66	5.84	5.48	6.16	2.21 AMP
				318.71	148.82	269.36	59.67	381.86	268.95	125.18	97.66 PHASE
				32.84	12.68	12.88	9.39	5.56	5.45	4.22	3.85 AMP
				327.19	139.51	272.27	61.34	315.34	331.94	68.49	92.62 PHASE
				41.32	13.62	16.11	18.48	6.86	18.81	7.71	3.34 AMP
				333.63	139.15	272.88	53.38	327.25	352.87	1.88	53.82 PHASE
				44.52	13.35	17.88	18.88	6.69	12.68	18.88	5.88 AMP
				331.66	133.88	263.12	36.87	324.89	355.41	358.73	22.98 PHASE

TABLE VIII.- Continued

(b) Continued

TORSION 5% PERCENT RADIUS												
RUN NO 16												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
477	1.41	4.84	585	2.41	1.58	.23	.71	.84	.49	.19		
478	-1.35	4.67	584	315.71	115.24	39.68	328.11	35.14	167.94	331.53	198	
479	-1.79	4.73	585	2.48	1.19	.89	.71	.82	.47	.17		
480	-4.16	5.83	585	335.84	128.85	32.92	386.47	33.28	188.67	341.22	168	PHASE
481	-5.98	6.39	584	2.73	.99	.85	.77	.88	.39	.26		AMP
482	-8.87	8.26	584	347.46	127.68	182.47	294.87	23.65	166.59	348.64	142.98	PHASE
483	-18.88	18.85	585	3.48	.93	.19	.92	.88	.56	.48	.19	AMP
484	-11.53	11.41	586	2.88	135.34	287.58	282.12	13.97	157.69	298.67	123.13	PHASE
485	2.43	6.43	585	4.17	.89	.36	.94	.89	.61	.49	.16	AMP
486	.26	6.34	584	12.83	151.89	213.38	287.81	38.96	176.89	382.44	123.47	PHASE
487	-1.42	6.39	584	5.31	.98	.68	.97	1.89	.78	.72	.16	AMP
488	-3.43	6.41	585	17.58	158.97	289.98	279.17	29.17	178.14	283.75	22.72	PHASE
489	-5.15	7.19	585	6.69	1.28	1.86	.91	1.29	.57	.74	.26	AMP
490	-7.38	8.56	585	19.31	143.61	283.82	272.52	28.52	158.69	281.45	2.58	PHASE
491	-8.29	9.32	584	8.87	1.12	.92	.65	1.55	.66	.63	.16	AMP
492	-9.45	18.44	584	17.81	124.13	283.56	278.14	31.58	126.55	271.82	318.29	PHASE
493	3.14	7.28	583	3.88	2.24	.34	.97	.99	.57	.23	.36	AMP
494	1.13	7.38	585	318.71	119.84	39.44	324.13	55.38	166.71	31.73	289.58	PHASE
495	-1.91	6.85	584	2.88	1.95	.16	1.81	.86	.44	.38	.34	AMP
496	-2.62	7.18	584	332.42	122.44	28.63	385.15	46.63	183.18	14.84	214.39	PHASE
497	-4.64	7.66	585	3.14	1.78	.89	.96	.91	.53	.41	.36	AMP
498	-6.98	9.19	585	345.21	124.41	314.54	298.43	45.16	172.19	355.78	287.53	PHASE
499	-7.86	18.44	585	3.68	1.47	.11	1.88	.98	.58	.54	.28	AMP
				356.73	127.96	237.21	287.78	48.18	164.83	331.33	213.28	PHASE
				4.32	1.36	.29	1.82	1.89	.56	.63	.28	AMP
				6.51	133.86	223.98	289.93	48.32	175.15	332.98	281.81	PHASE
				5.45	1.45	.57	1.19	1.19	.64	.78	.36	AMP
				12.34	125.89	286.57	281.12	38.78	166.83	318.89	288.37	PHASE
				6.18	1.58	.83	1.29	1.31	.43	.78	.42	AMP
				13.74	123.95	283.52	277.88	36.36	167.88	321.81	195.84	PHASE
				15.54	118.75	196.79	275.79	1.43	.21	.85	.51	AMP
				3.46	2.62	.29	1.38	1.86	.56	.34	.55	AMP
				316.37	135.57	66.11	337.48	72.92	183.18	41.98	242.28	PHASE
				3.33	2.38	.23	1.24	.98	.47	.41	.38	AMP
				328.91	127.53	28.68	315.43	38.85	185.86	352.88	221.77	PHASE
				3.54	1.98	.19	1.13	.98	.39	.56	.21	AMP
				345.42	134.83	352.84	322.83	53.63	222.59	357.88	283.95	PHASE
				3.94	1.77	.89	1.25	.86	.29	.79	.32	AMP
				352.83	131.58	338.47	389.61	35.84	288.15	349.86	331.93	PHASE
				4.64	1.63	.16	1.36	.92	.19	.85	.55	AMP
				1.62	126.77	238.44	383.11	29.74	241.22	348.11	325.12	PHASE
				6.89	1.71	.49	1.77	1.82	.37	.98	.86	AMP
				6.48	119.89	288.82	294.81	9.51	339.85	343.45	314.43	PHASE
				6.69	1.79	.68	1.89	1.16	.45	1.87	1.89	AMP
				4.52	186.14	191.84	288.31	358.36	317.39	318.77	287.69	PHASE

TABLE VIII.- Continued

(b) Continued

FLAPWISE 77 PERCENT RADIUS											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
477	-2.87	24.88	585	16.26	7.83	3.64	2.49	3.88	.88	.68	1.29 AMP
				135.81	327.33	355.39	169.28	275.89	78.85	213.38	94.38 PHASE
478	.48	25.85	584	16.73	7.99	4.36	2.46	3.52	.38	.72	1.17 AMP
				137.98	325.73	352.82	168.35	278.36	131.28	194.63	83.87 PHASE
479	2.75	26.19	585	17.68	8.13	4.86	2.39	3.36	.57	.87	1.81 AMP
				139.15	324.72	351.45	149.18	251.58	115.37	173.86	58.29 PHASE
480	6.44	28.84	585	18.92	8.91	5.41	2.39	3.82	.48	.88	.88 AMP
				141.65	321.66	349.43	131.31	239.83	74.54	136.61	33.78 PHASE
481	9.33	38.17	584	19.73	9.29	5.72	2.18	3.67	.62	.77	.84 AMP
				146.54	326.76	356.52	133.56	251.85	68.41	139.96	48.98 PHASE
482	12.72	32.38	584	21.86	9.78	5.83	1.84	4.84	.82	.89	.68 AMP
				147.56	321.27	352.26	111.88	246.37	45.58	135.36	357.96 PHASE
483	15.88	33.38	585	22.38	18.38	5.74	1.53	3.93	.83	.88	.66 AMP
				148.13	317.87	347.85	86.67	245.82	38.12	132.83	318.21 PHASE
484	17.42	34.63	586	23.33	18.98	5.38	1.41	3.88	1.86	.76	.59 AMP
				148.58	315.98	344.82	67.89	248.84	24.75	145.95	271.44 PHASE
485	-4.78	28.84	585	18.38	18.38	4.85	3.88	4.84	.68	1.16	2.68 AMP
				132.88	322.33	3.27	167.78	294.68	273.56	218.13	115.71 PHASE
486	-1.98	38.16	584	19.81	18.69	4.91	3.91	4.39	.62	1.29	2.28 AMP
				136.31	319.19	.93	159.93	298.95	258.87	211.64	115.71 PHASE
487	.74	31.11	584	19.69	18.65	5.31	3.55	4.26	.58	1.86	1.82 AMP
				138.25	318.27	358.12	152.48	281.51	258.59	283.41	117.28 PHASE
488	3.98	32.27	585	22.54	18.61	5.66	2.99	4.56	.37	1.28	1.54 AMP
				148.28	316.88	354.88	148.49	278.45	266.48	193.86	112.63 PHASE
489	6.78	33.41	585	21.38	18.88	5.61	2.43	4.83	.25	1.16	1.74 AMP
				143.81	318.98	359.26	136.82	278.85	317.12	198.58	118.46 PHASE
490	9.95	34.77	585	22.25	18.77	5.45	1.94	4.58	.44	1.25	2.88 AMP
				144.98	313.63	347.86	116.73	271.85	18.83	178.33	132.83 PHASE
491	11.44	35.98	584	22.98	18.88	5.31	1.82	4.84	.58	1.24	2.68 AMP
				145.59	313.83	347.58	187.56	274.79	2.42	169.54	134.72 PHASE
492	13.87	36.48	584	23.57	11.18	5.14	1.54	5.25	.86	2.71	2.71 AMP
				147.58	316.23	346.28	94.76	281.86	7.39	175.65	145.89 PHASE
493	-7.17	32.83	583	28.28	12.27	4.48	5.77	4.53	1.32	2.16	2.96 AMP
				134.82	326.45	17.58	179.87	313.31	321.67	246.38	139.47 PHASE
494	-4.48	32.39	585	28.53	12.26	4.53	4.95	4.18	.91	2.42	2.39 AMP
				135.29	314.89	6.41	164.99	282.84	295.38	224.78	131.76 PHASE
495	-1.24	32.16	584	21.22	11.67	4.76	4.15	3.92	1.84	2.41	1.97 AMP
				141.55	320.18	18.77	176.14	291.17	288.12	249.85	178.88 PHASE
496	1.53	33.11	584	21.97	11.26	4.99	3.78	4.87	1.88	1.69	1.69 AMP
				142.86	316.36	12.66	167.37	272.19	288.84	239.59	194.68 PHASE
497	4.68	34.83	585	22.54	18.66	4.76	3.88	4.11	1.16	1.95	2.95 AMP
				144.43	315.28	13.82	165.77	274.31	286.13	248.75	228.88 PHASE
498	7.88	36.91	585	24.28	18.62	4.62	2.94	3.29	1.33	1.78	4.53 AMP
				145.83	317.22	9.47	155.78	278.57	383.45	236.28	217.66 PHASE
499	9.22	37.76	585	24.68	18.28	4.58	2.65	3.49	1.31	1.62	5.35 AMP
				143.44	318.95	356.66	143.95	266.77	299.18	218.53	197.72 PHASE

CHORDWISE 77 PERCENT RADIUS											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
477	-18.21	14.48	585	4.87	2.78	2.57	1.43	1.81	2.27	1.18	.48 AMP
				145.27	325.97	358.86	98.26	753.51	343.83	97.71	118.43 PHASE
478	-9.88	13.37	584	3.87	2.43	2.91	1.99	2.14	1.63	2.12	.68 AMP
				151.89	328.98	339.38	72.38	269.35	66.87	95.36	184.74 PHASE
479	-9.19	11.76	585	2.48	2.88	3.19	2.42	2.31	.74	2.18	.68 AMP
				153.78	329.33	327.13	59.88	267.46	119.73	115.81	84.39 PHASE
480	-7.59	12.29	585	.27	2.38	4.84	3.32	1.85	2.27	1.84	.77 AMP
				49.78	328.87	311.54	48.27	268.87	323.83	265.83	128.48 PHASE
481	-6.87	13.99	584	2.88	2.78	4.68	3.82	1.83	2.45	2.68	.67 AMP
				337.41	332.73	312.69	53.69	269.55	343.84	299.15	136.28 PHASE
482	-4.33	18.98	584	4.96	3.24	4.99	3.78	2.55	2.52	2.61	.38 AMP
				333.56	328.39	388.94	37.28	246.93	352.81	327.94	86.65 PHASE
483	-3.44	22.83	585	7.78	3.79	6.72	4.88	3.39	2.95	2.89	.66 AMP
				338.88	321.26	298.82	23.48	248.82	288.52	358.78	55.24 PHASE
484	-1.58	23.52	586	7.35	2.56	8.18	4.52	5.16	4.26	1.44	1.37 AMP
				342.28	283.85	278.17	353.17	268.85	21.68	28.34	37.85 PHASE
485	-9.54	16.25	585	5.24	3.45	2.73	1.75	2.21	.85	2.58	.53 AMP
				146.21	326.61	358.84	114.57	274.28	14.65	189.83	125.56 PHASE
486	-11.83	16.17	584	3.67	2.69	3.43	2.23	2.66	1.73	3.84	.53 AMP
				155.57	326.73	342.12	84.29	283.86	135.35	94.33	71.89 PHASE
487	-18.35	13.55	584	2.26	2.31	3.69	2.97	2.55	.65	1.67	1.85 AMP
				161.29	325.47	332.82	68.98	277.49	236.87	97.89	182.82 PHASE
488	-8.76	14.85	585	.81	2.23	4.29	3.43	2.68	1.98	.75	1.21 AMP
				218.84	324.96	321.76	58.88	274.18	284.52	23.96	94.19 PHASE
489	-7.48	16.84	585	1.89	2.23	4.94	3.92	2.69	3.86	1.96	1.37 AMP
				381.73	329.11	328.11	58.47	285.87	317.26	333.76	111.81 PHASE
490	-6.19	21.14	585	4.44	2.36	5.98	4.38	2.24	4.88	4.83	1.48 AMP
				319.76	332.26	387.48	46.78	279.69	337.88	329.17	94.44 PHASE
491	-5.48	23.46	584	8.71	2.55	6.56	4.56	2.75	4.82	5.53	1.81 AMP
				322.55	333.91	384.47	41.36	281.67	343.47	335.84	181.84 PHASE
492	-4.95	26.52	584	7.12	2.63	7.17	4.65	3.48	5.39	6.14	.75 AMP
				325.72	334.51	299.79	33.35	292.71	356.43	343.87	98.28 PHASE
493	-12.97	19.47	583	5.68	3.98	2.72	2.51	3.55	1.59	2.86	1.32 AMP
				157.78	329.84	.77	144.16	384.35	285.12	115.26	184.47 PHASE
494	-12.77	19.28	585	4.39	3.88	2.98	2.88	3.79	.37	2.25	1.15 PHASE
				165.68	315.18	343.84	118.91	272.74	218.41	85.14	156.32 PHASE
495	-11.45	17.43	584	2.74	2.25	3.18	2.76	3.97	1.92	2.68	.85 AMP
				181.16	328.13	349.24	95.36	288.18	248.79	131.93	146.91 PHASE
496	-18.86	17.61	584	1.78	1.86	3.75	3.25	3.98	2.35	2.91	1.52 AMP
				216.86	318.14	337.35	82.83	288.54	269.54	138.88	128.58 PHASE
497	-8.65	28.51	585	2.24	1.44	4.26	4.82	3.68	2.55	1.47	1.79 AMP
				286.66	338.84	335.78	76.82	288.75	328.26	68.56	129.41 PHASE
498	-7.94	28.39	585	4.38	1.78	5.36	4.59	3.66	4.83	3.11	1.31 AMP
				312.87	345.72	325.28	64.98	384.73	347.14	357.29	124.37 PHASE
499	-7.18	28.39	585	5.48	1.69	4.79	4.78	3.53	6.86	4.43	1.25 AMP
				313.48	344.23	318.78	46.83	388.14	358.19	349.26	84.85 PHASE

TABLE VIII.- Continued

(b) Concluded

TORSION 75 PERCENT RADIUS											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
477	-1.42	4.08	585	2.17	1.55	.89	.67	.52	.39	.14	.28 AMP
				293.62	119.68	62.21	336.96	21.38	166.86	48.32	269.18 PHASE
478	-2.11	3.61	584	1.84	1.38	.84	.67	.47	.36	.19	.16 AMP
				313.44	129.85	163.11	328.28	13.84	169.44	17.62	238.51 PHASE
479	-3.38	3.74	585	1.96	1.16	.14	.63	.48	.33	.25	.18 AMP
				331.79	148.98	174.92	314.51	1.81	156.44	1.22	198.92 PHASE
480	-5.52	4.61	585	2.44	1.21	.24	.66	.52	.38	.24	.06 AMP
				356.58	154.78	173.67	293.28	353.64	135.14	322.55	175.58 PHASE
481	-7.03	5.15	584	3.01	1.31	.35	.64	.58	.38	.26	.06 AMP
				11.24	170.42	177.47	293.38	9.28	147.48	313.31	185.73 PHASE
482	-8.89	6.07	584	3.94	1.52	.58	.63	.55	.48	.41	.05 AMP
				19.73	173.77	169.57	278.62	6.68	138.32	288.23	339.82 PHASE
483	-10.59	6.81	585	5.84	1.86	.52	.52	.61	.39	.53	.11 AMP
				23.94	174.21	158.14	263.48	7.74	116.84	285.67	1.44 PHASE
484	-11.74	7.27	586	5.91	1.57	.53	.13	.68	.45	.47	.11 AMP
				28.55	176.19	187.53	275.94	29.23	186.83	283.63	312.85 PHASE
485	.19	5.33	585	2.88	2.29	.11	.95	.58	.53	.41	.41 AMP
				291.48	118.85	36.28	343.82	38.21	169.28	66.27	287.63 PHASE
486	-1.88	5.88	584	2.48	2.82	.84	.91	.48	.47	.47	.43 AMP
				312.56	124.18	295.65	333.81	8.35	178.57	46.17	286.88 PHASE
487	-3.38	5.87	584	2.39	1.78	.11	.84	.49	.49	.43	.37 AMP
				328.83	129.92	221.35	326.28	3.34	156.89	31.45	285.77 PHASE
488	-5.86	5.35	585	2.66	1.66	.47	.77	.47	.47	.47	.37 AMP
				346.71	139.87	187.69	311.86	5.92	141.87	9.27	284.25 PHASE
489	-6.53	5.75	585	3.88	1.59	.24	.72	.55	.47	.48	.33 AMP
				1.58	151.58	192.56	387.95	18.34	143.81	7.45	285.74 PHASE
490	-8.38	6.48	585	3.79	1.56	.29	.73	.49	.48	.49	.39 AMP
				12.54	157.52	165.66	289.11	8.76	152.61	342.92	277.95 PHASE
491	-9.84	7.81	584	4.24	1.67	.39	.76	.53	.41	.58	.48 AMP
				15.77	168.71	167.22	285.82	13.58	126.38	339.78	281.87 PHASE
492	-9.91	7.88	584	4.83	1.73	.45	.67	.53	.32	.78	.31 AMP
				19.29	164.88	155.83	284.87	28.86	132.14	346.87	298.55 PHASE
493	.56	7.88	583	3.48	2.62	.12	1.16	.73	.68	.64	.57 AMP
				298.58	127.24	297.18	355.78	33.18	189.42	73.42	311.34 PHASE
494	-1.38	6.37	585	2.99	2.39	.26	1.88	.68	.45	.64	.55 AMP
				303.83	122.49	328.83	335.93	359.58	173.56	38.96	384.77 PHASE
495	-3.88	5.88	584	2.88	2.85	.31	.96	.71	.32	.61	.52 AMP
				328.68	133.22	295.27	347.82	13.48	198.76	43.55	342.18 PHASE
496	-4.53	5.95	584	3.01	1.84	.26	.94	.73	.26	.64	.54 AMP
				347.89	135.82	281.77	331.89	.83	163.79	25.49	355.76 PHASE
497	-6.16	5.02	585	3.25	1.62	.25	.98	.69	.16	.78	.79 AMP
				351.33	144.97	272.45	323.02	1.48	141.87	16.21	4.11 PHASE
498	-7.53	6.62	585	3.88	1.58	.23	.98	.61	.11	.75	1.82 AMP
				5.57	157.75	281.68	389.92	344.49	15.71	1.88	357.17 PHASE
499	-8.48	7.81	585	4.15	1.51	.16	.91	.68	.12	.76	1.17 AMP
				5.85	154.31	233.84	294.68	326.28	328.83	331.89	331.72 PHASE

PITCH LINK											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
477	-1.91	5.87	585	2.76	.58	.88	.97	1.13	.43	.37	.31 AMP
				158.78	328.85	288.62	136.62	215.73	359.67	184.79	326.68 PHASE
478	-1.43	5.55	584	2.96	.43	.76	.99	1.16	.51	.22	.38 AMP
				178.76	353.31	187.23	119.89	214.37	15.12	87.97	322.77 PHASE
479	.99	6.14	585	3.14	.38	.71	1.18	1.28	.49	.16	.32 AMP
				199.91	9.82	159.85	188.56	285.67	13.88	62.79	294.47 PHASE
480	3.18	7.89	585	6.66	1.46	.63	1.44	1.45	.48	.32	.23 AMP
				287.47	28.15	122.86	185.69	191.19	3.38	61.46	271.88 PHASE
481	4.66	9.92	584	6.87	.54	.76	1.44	1.48	.84	.36	.17 AMP
				212.62	42.14	91.61	115.26	286.81	15.44	94.75	268.96 PHASE
482	6.64	12.55	584	8.23	.48	1.36	1.45	1.56	.98	.58	.21 AMP
				211.42	29.25	62.88	185.38	288.26	6.18	188.41	175.89 PHASE
483	8.65	16.89	585	18.85	.43	2.15	1.34	1.68	.88	.66	.39 AMP
				289.84	343.44	43.26	93.84	197.68	341.88	115.72	149.35 PHASE
484	9.94	18.68	586	13.88	.42	2.48	1.24	1.76	.82	.52	.37 AMP
				286.82	251.59	41.43	93.96	198.36	319.91	114.95	91.18 PHASE
485	-2.88	6.22	585	2.28	1.13	.95	1.37	1.44	.38	.37	.72 AMP
				156.93	314.55	198.88	138.25	243.12	1.86	88.88	338.24 PHASE
486	-1.87	6.94	584	2.85	1.82	.83	1.55	1.46	.38	.32	.67 AMP
				176.41	315.85	185.46	117.68	235.64	35.85	67.61	335.46 PHASE
487	.46	7.62	584	3.74	.96	.74	1.56	1.64	.57	.32	.69 AMP
				187.54	316.87	165.91	112.62	236.25	27.48	181.61	346.87 PHASE
488	2.27	9.12	585	4.93	.83	.57	1.72	1.67	.57	.52	.55 AMP
				197.38	322.88	143.91	185.72	228.38	28.56	89.79	338.12 PHASE
489	3.86	11.87	585	6.31	.83	.56	1.77	1.81	.78	.64	.64 AMP
				282.94	325.83	182.48	118.83	234.85	35.23	189.85	335.32 PHASE
490	6.88	14.26	585	8.57	1.89	1.88	1.88	1.76	.79	.79	.79 AMP
				282.87	384.85	68.66	185.28	224.87	33.55	184.78	348.44 PHASE
491	7.88	15.85	584	9.91	1.31	1.88	1.81	1.72	.79	.88	1.88 AMP
				283.45	298.71	58.36	184.73	222.48	55.36	125.56	336.35 PHASE
492	8.19	17.41	584	11.39	1.56	1.85	1.71	1.69	.76	.86	1.13 AMP
				284.96	293.32	58.18	186.17	223.65	79.76	143.61	358.38 PHASE
493	-3.75	7.18	583	2.69	1.68	.99	2.81	1.45	.42	.28	.77 AMP
				168.98	331.88	228.83	154.81	265.18	35.39	84.99	1.49 PHASE
494	-2.86	8.29	585	3.31	1.46	.83	1.86	1.33	.54	.58	.74 AMP
				171.67	323.58	281.66	129.15	226.76	36.49	69.11	341.98 PHASE
495	-1.23	18.28	584	4.18	1.42	.73	1.87	1.45	.78	.67	.45 AMP
				187.88	324.54	188.34	135.98	246.71	71.71	118.48	27.55 PHASE
496	1.41	11.71	584	5.29	1.49	.57	2.15	1.32	.64	.78	.52 AMP
				194.93	319.77	176.82	127.87	228.22	75.88	115.14	63.29 PHASE
497	1.47	13.62	585	7.82	1.67	.37	2.17	1.26	.69	.77	1.12 AMP
				199.84	312.99	132.76	125.98	217.49	98.66	132.41	76.88 PHASE
498	5.76	16.49	585	9.59	1.95	.62	2.45	1.18	.78	1.88	1.79 AMP
				288.45	388.17	79.61	128.53	181.48	139.87	139.41	74.24 PHASE
499	6.74	17.68	585	18.62	2.18	.68	2.46	1.23	.82	1.27	2.22 AMP
				197.64	294.89	68.46	186.54	162.46	123.44	119.44	54.27 PHASE

TABLE VIII.- Continued

(c)  $\mu = 0.30$ ;  $M_T = 0.65$ 

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CQ/SIGMA
519	-1.0	1.8	2.1	.02322	.00160	.00132
520	-1.1	3.2	4.2	.03749	.00136	.00151
521	-1.1	4.3	6.2	.05053	.00110	.00182
522	-1.6	5.6	8.2	.06380	.00051	.00231
523	-2.1	6.4	10.3	.07940	.00036	.00303
524	-2.5	7.0	12.1	.09271	.00058	.00362
525	-2.9	7.8	13.0	.09711	.00022	.00420
526	.1	3.0	.2	.02309	.00449	.00101
527	.1	3.1	2.1	.04247	.00639	.00066
528	-.4	3.6	4.1	.05819	.00787	.00054
529	-1.1	4.7	6.1	.07111	.00854	.00072
530	-1.5	5.5	8.2	.08605	.00993	.00095
531	-1.7	5.6	10.1	.10177	.01271	.00121
532	-2.9	7.6	10.9	.10113	.00933	.00210
533	-.0	3.0	4.2	.01807	.00004	.00184
534	-.4	3.6	6.2	.03349	.00156	.00229
535	-1.0	4.5	8.1	.04657	.00296	.00288
536	-1.0	4.3	10.0	.06510	.00357	.00344
537	-2.5	6.6	12.1	.07177	.00627	.00453
538	-2.9	7.4	14.0	.08694	.00775	.00550
539	-3.7	8.4	16.1	.09856	.00928	.00673
540	-4.2	9.3	16.9	.10198	.01078	.00755
541	-4.4	9.6	18.1	.10935	.01138	.00851
570	.0	3.5	6.3	.01296	.00121	.00193
571	-.2	4.0	8.2	.02701	.00365	.00276
572	-.7	4.8	10.2	.04101	.00613	.00374
573	-1.6	5.7	11.9	.05283	.00851	.00473
574	-2.0	6.7	14.0	.06788	.01119	.00599
575	-2.9	7.9	16.3	.08072	.01420	.00744
576	-3.4	8.6	18.1	.09220	.01629	.00873
577	-3.8	9.2	20.0	.10605	.01793	.01060



TABLE VIII.- Continued

(c) Continued

FLAPWISE 25 PERCENT RADIUS												
RUN NO 10												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
519	42.58	21.42	618	7.95	6.23	7.14	4.13	5.96	2.58	2.18	3.81	AMP
520	44.32	28.64	618	147.47	316.66	54.45	33.33	81.39	323.89	226.73	66.31	PHASE
521	45.74	28.26	618	8.53	6.86	6.73	3.95	5.77	2.27	2.21	2.28	AMP
522	47.39	18.65	611	158.16	321.19	53.72	345.48	92.27	324.23	248.79	98.19	PHASE
523	49.84	18.85	618	8.47	5.69	6.25	3.82	5.15	2.43	2.38	1.92	AMP
524	58.37	19.61	609	147.72	319.89	43.88	334.84	88.79	388.49	225.11	86.82	PHASE
525	51.82	28.64	618	8.24	5.33	6.21	3.24	5.82	2.37	2.87	1.88	AMP
526	41.77	22.89	618	146.98	326.48	45.17	337.81	85.81	313.29	244.78	133.23	PHASE
527	43.44	19.94	618	7.57	5.89	5.87	2.76	4.33	2.11	1.83	1.58	AMP
528	44.94	19.38	618	136.97	325.82	38.43	322.13	64.45	279.69	226.71	161.68	PHASE
529	46.37	19.44	618	7.28	5.87	5.42	2.52	3.52	1.87	1.78	3.89	AMP
530	47.75	19.92	618	126.96	333.27	25.46	319.13	64.16	268.76	215.13	165.91	PHASE
531	48.77	19.85	609	6.97	5.86	6.24	2.59	3.89	1.93	1.83	3.76	AMP
532	49.41	21.87	608	121.28	338.23	19.92	311.18	65.28	252.69	219.18	178.69	PHASE
533	43.21	17.39	618	18.37	6.97	6.88	3.34	5.93	3.82	2.21	1.78	AMP
534	44.91	16.87	611	145.76	321.83	72.85	1.32	83.41	338.66	264.73	148.52	PHASE
535	46.51	16.41	618	18.29	6.81	6.33	2.99	4.88	2.85	2.63	1.64	AMP
536	48.38	15.38	618	151.88	322.76	71.75	12.41	75.32	325.64	278.56	159.83	PHASE
537	49.91	15.94	618	9.83	6.46	6.28	2.66	4.62	2.96	2.54	1.46	AMP
538	51.66	15.88	618	153.33	326.98	75.29	21.71	73.46	326.88	284.52	183.68	PHASE
539	53.13	17.82	618	9.47	6.35	6.13	2.54	4.32	2.94	2.35	1.49	AMP
540	53.81	17.85	618	149.97	328.79	78.71	22.28	66.86	323.96	284.47	187.61	PHASE
541	54.64	28.47	618	8.93	6.88	5.64	2.14	4.24	2.66	2.28	2.12	AMP
542	54.81	13.77	612	143.14	328.91	61.43	9.76	44.18	386.54	265.68	169.72	PHASE
543	55.84	14.33	611	8.13	5.78	4.79	2.86	4.28	2.22	1.99	1.93	AMP
544	56.31	19.83	618	134.86	344.81	62.68	2.77	31.26	387.99	269.12	184.47	PHASE
545	56.74	16.87	611	8.22	6.15	4.51	1.97	3.81	1.85	1.88	2.35	AMP
546	57.23	16.73	611	138.33	348.44	58.14	338.23	47.79	293.88	257.85	175.56	PHASE
547	57.71	16.73	611	7.88	4.86	5.56	2.74	5.32	1.82	1.66	1.99	AMP
548	58.37	16.87	611	153.73	332.23	45.31	344.49	95.96	342.49	244.61	88.73	PHASE
549	58.81	16.41	618	7.73	4.79	5.75	2.97	5.18	1.82	1.66	1.86	AMP
550	59.31	16.41	618	151.88	327.54	38.89	324.83	88.95	313.44	224.89	66.74	PHASE
551	59.81	16.41	618	7.56	4.68	5.55	2.92	5.28	1.99	1.66	2.83	AMP
552	60.31	16.41	618	147.17	328.69	24.82	317.65	75.49	386.43	217.89	65.64	PHASE
553	60.81	16.41	618	6.83	4.78	5.75	2.89	5.29	1.62	1.59	1.68	AMP
554	61.31	16.41	618	158.84	348.59	39.86	328.98	95.51	328.22	255.75	116.69	PHASE
555	61.81	16.41	618	6.95	4.71	4.98	2.57	5.88	1.61	1.62	1.77	AMP
556	62.31	16.41	618	137.59	341.67	19.36	384.39	78.86	388.58	225.48	75.88	PHASE
557	62.81	16.41	618	6.32	4.71	4.44	2.46	4.95	1.52	1.78	1.91	AMP
558	63.31	16.41	618	128.99	354.55	28.16	299.35	98.19	381.13	237.51	185.99	PHASE
559	63.81	16.41	618	6.23	5.86	4.89	2.53	5.16	1.41	1.88	2.89	AMP
560	64.31	16.41	618	189.65	388.71	81	288.71	94.76	277.28	289.86	99.47	PHASE
561	64.81	16.41	618	6.49	5.72	3.93	2.58	5.32	1.42	1.98	1.72	AMP
562	65.31	16.41	618	97.62	2.86	346.98	264.69	98.93	257.29	192.77	77.44	PHASE
563	65.81	16.41	618	7.49	6.35	3.68	2.94	5.41	1.68	2.59	2.88	AMP
564	66.31	16.41	618	77.97	4.28	326.28	246.73	91.83	244.25	185.46	83.82	PHASE
565	66.81	16.41	618	7.23	3.79	4.18	1.85	4.86	1.22	1.81	1.95	AMP
566	67.31	16.41	618	153.93	338.14	26.62	345.36	69.15	316.49	225.88	22.53	PHASE
567	67.81	16.41	618	7.14	3.94	4.35	2.22	4.89	1.44	1.81	1.13	AMP
568	68.31	16.41	618	154.88	341.98	23.38	335.78	66.93	386.81	224.28	27.52	PHASE
569	68.81	16.41	618	7.81	4.12	4.48	2.26	4.38	1.41	.83	.87	AMP
570	69.31	16.41	618	147.62	343.74	17.83	325.38	54.72	388.19	214.41	22.63	PHASE
571	69.81	16.41	618	6.83	4.32	4.22	2.21	4.27	1.29	.88	.71	AMP
572	70.31	16.41	618	143.89	354.28	19.58	332.38	66.94	389.17	228.73	46.46	PHASE
573	70.81	16.41	618	6.57	4.68	4.88	2.33	4.38	1.27	.68	.87	AMP
574	71.31	16.41	618	131.36	357.28	6.78	323.89	64.84	289.52	286.87	29.73	PHASE
575	71.81	16.41	618	6.58	5.83	3.67	2.28	4.21	1.13	.78	.96	AMP
576	72.31	16.41	618	115.88	1.51	358.94	387.15	61.72	278.91	189.12	354.39	PHASE
577	72.81	16.41	618	6.81	5.71	3.44	2.24	4.28	1.25	.87	.98	AMP
578	73.31	16.41	618	95.78	2.81	331.85	285.81	61.66	248.87	162.85	319.28	PHASE
579	73.81	16.41	618	9.65	7.29	3.62	2.38	3.62	1.63	.93	.94	AMP
580	74.31	16.41	618	63.74	1.89	297.27	243.13	58.89	229.71	179.42	271.88	PHASE

TABLE VIII.- Continued

(c) Continued

CHORDWISE 25 PERCENT RADIUS											
RUN NO 10											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
519	62.05	25.03	610	10.20	4.86	4.38	3.29	.51	8.98	1.33	1.98 AMP
520	60.60	29.16	610	261.29	121.90	259.90	57.61	254.66	240.90	43.32	111.60 PHASE
521	59.31	40.94	610	14.44	7.45	7.72	2.76	1.69	2.79	3.35	1.39 AMP
522	50.24	50.90	611	201.37	133.55	264.22	58.11	256.44	290.67	60.11	148.10 PHASE
523	55.06	65.20	610	22.02	11.16	11.34	3.60	5.16	3.00	4.44	.98 AMP
524	53.40	81.37	609	301.81	136.17	248.44	17.00	206.72	64.43	58.42	137.51 PHASE
525	52.99	90.00	610	33.36	13.96	14.49	4.87	5.78	.35	3.65	.39 AMP
526	59.58	25.72	610	310.44	144.57	248.40	33.02	301.03	106.90	83.36	160.95 PHASE
527	56.06	44.46	610	45.59	15.19	18.78	6.06	5.27	2.47	2.25	.69 AMP
528	53.92	45.96	610	330.17	141.90	238.99	32.43	295.34	307.43	10.00	229.91 PHASE
529	51.54	50.70	610	57.70	15.60	22.20	6.03	5.01	6.69	5.09	1.50 AMP
530	48.32	64.43	610	341.86	144.72	243.50	32.78	306.77	322.05	313.56	259.69 PHASE
531	43.03	87.13	609	63.95	15.10	24.09	6.92	4.15	8.30	6.61	1.69 AMP
532	45.61	79.49	600	341.02	144.42	242.05	26.63	320.16	340.72	322.77	282.11 PHASE
533	50.00	19.97	610	13.67	5.20	5.73	3.47	1.16	6.55	1.03	1.20 AMP
534	59.06	31.45	611	250.57	126.71	259.55	71.60	237.66	266.00	67.14	195.00 PHASE
535	59.27	43.74	610	22.61	7.64	10.17	3.49	3.98	10.00	1.16	2.00 AMP
536	58.50	60.49	610	200.93	142.07	200.45	81.30	279.12	200.49	33.32	182.21 PHASE
537	58.09	67.35	610	29.09	10.81	10.06	3.78	6.44	5.20	2.02	1.01 AMP
538	57.06	80.03	610	302.15	146.80	202.30	81.98	296.22	350.66	81.52	214.69 PHASE
539	56.76	104.96	610	36.40	13.49	11.64	4.01	7.17	3.07	2.36	1.46 AMP
540	57.30	110.93	610	316.45	151.57	271.39	70.74	302.49	330.00	126.90	219.66 PHASE
541	57.97	126.44	610	47.04	15.02	14.73	4.04	6.90	4.09	1.60	1.60 AMP
542	57.18	16.02	612	331.37	149.71	259.07	67.84	301.04	301.03	267.11	215.96 PHASE
543	58.23	20.16	611	61.10	17.11	10.02	5.35	5.67	8.12	6.20	.73 AMP
544	59.09	41.29	611	354.00	157.50	273.96	54.16	336.44	329.32	315.66	226.34 PHASE
545	59.59	52.46	610	60.39	16.16	19.56	4.86	5.45	7.65	4.05	.65 AMP
546	59.59	76.14	600	340.30	154.66	262.32	49.59	322.17	325.62	294.96	240.40 PHASE
547	59.59	97.41	611	8.71	4.86	5.05	2.56	2.36	3.74	2.19	1.33 AMP
548	59.90	112.67	611	273.72	114.29	269.06	72.57	109.70	311.13	94.54	130.68 PHASE
549	60.03	141.03	610	13.47	8.20	8.35	3.09	1.00	5.29	3.34	.70 AMP
550	59.59	161.03	610	295.40	110.50	250.76	17.20	10.04	49.04	55.34	133.24 PHASE
551	59.59	181.03	610	21.60	10.66	11.27	5.44	2.04	3.29	3.20	1.21 AMP
552	59.59	201.03	610	317.55	128.95	233.99	14.07	344.77	101.09	64.50	131.27 PHASE
553	59.59	221.03	610	34.05	12.94	16.33	7.40	4.44	5.16	2.27	1.13 AMP
554	59.59	241.03	610	340.90	148.74	252.20	50.90	37.65	337.30	2.95	199.98 PHASE
555	59.59	261.03	610	40.96	12.77	20.21	6.61	3.31	4.12	.62	1.10 AMP
556	59.59	281.03	610	337.56	140.96	230.09	34.91	353.40	274.77	353.32	147.18 PHASE
557	59.59	301.03	610	57.14	12.47	24.70	6.05	3.06	6.30	2.21	.93 AMP
558	59.59	321.03	610	340.56	150.05	249.67	49.03	3.37	320.04	334.14	202.67 PHASE
559	59.59	341.03	610	72.23	10.69	20.31	7.06	5.40	7.28	3.06	.73 AMP
560	59.59	361.03	610	351.14	160.50	245.40	35.46	339.34	337.64	319.95	236.93 PHASE
561	59.59	381.03	610	80.11	9.65	29.97	7.09	6.59	8.01	3.96	.50 AMP
562	59.59	401.03	610	350.13	167.00	241.73	22.46	320.11	341.30	310.07	252.03 PHASE
563	59.59	421.03	610	94.46	10.05	32.76	6.32	5.56	7.65	3.03	.10 AMP
564	59.59	441.03	610	356.12	173.17	239.07	1.89	296.00	3.96	332.51	261.05 PHASE
565	59.59	461.03	610	4.93	3.11	4.41	3.35	1.71	3.75	1.75	.59 AMP
566	59.59	481.03	610	274.95	121.13	260.52	57.53	62.20	316.95	86.03	07.20 PHASE
567	59.59	501.03	611	11.44	6.11	7.30	4.55	2.30	5.09	2.55	.00 AMP
568	59.59	521.03	611	317.74	131.63	230.40	30.46	355.42	07.42	76.74	111.73 PHASE
569	59.59	541.03	611	21.43	7.69	11.00	5.06	3.26	0.00	1.45	.90 AMP
570	59.59	561.03	610	339.75	143.07	220.09	31.79	10.02	06.66	06.31	124.93 PHASE
571	59.59	581.03	610	30.26	8.13	15.53	6.70	2.40	1.10	.02	.06 AMP
572	59.59	601.03	610	340.18	159.46	237.14	45.00	27.12	319.60	99.65	153.36 PHASE
573	59.59	621.03	610	46.67	0.07	20.73	7.49	1.49	4.50	.07	.69 AMP
574	59.59	641.03	610	354.33	166.43	236.05	42.09	346.02	333.11	335.79	156.76 PHASE
575	59.59	661.03	611	63.44	9.40	26.10	7.03	2.17	4.03	.77	.71 AMP
576	59.59	681.03	611	353.43	170.41	233.16	34.69	272.33	310.26	26.22	160.04 PHASE
577	59.59	701.03	611	81.04	0.95	29.55	7.65	3.19	5.61	2.07	.60 AMP
578	59.59	721.03	610	355.65	190.67	231.07	23.65	243.40	350.30	30.06	146.15 PHASE
579	59.59	741.03	610	114.10	13.12	31.60	6.14	9.57	7.30	2.94	1.09 AMP
580	59.59	761.03	610	2.05	205.67	220.13	357.02	244.46	26.71	57.44	09.09 PHASE

TABLE VIII.- Continued

(c) Continued

TORSION 20 PERCENT RADIUS											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
519	3.33	7.91	61#	3.77	2.59	.25	2.87	1.16	.49	.51	.61
520	1.28	7.98	61#	389.87	124.48	46.88	316.48	23.82	181.89	322.68	134.53
521	-1.72	8.88	61#	3.78	2.25	.33	1.83	1.17	.56	.69	.31
522	-2.97	8.44	611	325.28	138.23	37.24	317.67	38.86	174.58	326.49	148.39
523	-5.72	9.68	61#	4.82	2.81	.38	1.66	1.28	.71	.77	.28
524	-8.47	12.59	609	337.64	122.58	19.82	381.75	27.89	193.93	321.38	135.91
525	-9.69	13.83	61#	4.69	1.89	.89	1.81	1.15	.51	.99	.19
526	4.43	7.95	61#	351.33	125.48	323.13	381.95	48.99	226.47	336.85	244.75
527	2.82	8.87	61#	6.11	2.12	.45	1.99	1.85	.16	.98	.51
528	-1.33	7.79	61#	358.58	15.58	246.27	287.54	13.47	227.87	323.88	227.67
529	-2.73	8.54	61#	8.16	2.59	.92	2.25	1.26	.46	1.86	1.82
530	-5.67	11.26	61#	4.77	1.467	253.98	288.98	347.31	338.64	338.30	223.31
531	-9.49	16.75	609	9.82	2.78	1.18	2.41	1.45	.58	1.81	1.48
532	-9.78	15.61	608	5.83	118.23	249.47	287.94	345.91	342.88	324.97	227.87
533	2.29	6.53	61#	4.83	2.91	.35	1.53	1.34	.48	.39	.51
534	.32	6.85	611	314.38	128.16	96.65	333.92	36.45	115.59	386.96	238.85
535	-1.59	7.36	61#	4.11	2.85	.16	1.45	.95	.25	.76	.57
536	-3.95	7.95	61#	335.16	138.14	86.64	337.84	29.64	88.31	316.88	217.55
537	-5.88	8.24	61#	4.75	2.49	.14	1.13	.99	.24	.78	.53
538	-8.22	18.63	61#	358.51	131.98	188.58	332.51	19.85	271.47	358.39	233.37
539	-18.62	12.91	61#	5.77	2.53	.42	1.19	1.81	.47	.73	.71
540	-11.93	14.11	61#	357.98	133.54	217.69	317.98	4.82	331.55	18.76	285.89
541	-14.28	18.29	61#	7.56	2.92	.79	1.44	1.33	.52	.66	.99
542	1.19	5.88	612	3.43	127.35	228.34	384.33	341.89	355.98	4.68	191.78
543	-2.57	5.68	611	11.18	3.89	1.17	1.71	1.63	.39	.71	1.27
544	-4.48	5.88	61#	18.99	127.97	248.68	312.53	344.63	159.99	294.89	225.18
545	-6.64	7.34	608	18.51	3.33	1.19	1.81	1.69	.28	.64	1.26
546	-8.98	9.11	611	7.81	124.36	238.49	388.97	341.68	36.18	387.97	228.71
547	-11.82	11.73	611	3.28	2.87	.37	1.41	1.15	.68	.32	.45
548	-14.29	16.78	61#	385.87	116.78	27.77	317.42	33.97	136.46	331.33	142.98
549				3.18	1.79	.22	1.36	1.16	.68	.44	.44
550				321.26	112.59	27.41	298.23	28.89	162.56	342.19	145.46
551				3.44	1.52	.11	1.36	1.42	.62	.58	.51
552				336.83	113.76	293.72	284.27	28.36	168.18	318.97	128.73
553				4.29	1.71	.34	1.63	1.28	.68	.98	.43
554				358.19	121.12	296.92	386.29	57.78	186.94	345.85	188.72
555				4.89	1.25	.49	1.64	1.34	.62	.87	.47
556				1.14	128.51	255.85	287.37	43.44	168.29	389.67	135.62
557				6.47	1.59	1.88	1.66	1.39	.63	.91	.66
558				12.32	125.87	258.56	388.47	65.85	191.93	331.75	164.52
559				8.52	2.13	1.58	1.61	1.53	.23	.88	.88
560				15.28	119.49	251.36	292.79	53.85	211.14	336.87	155.29
561				9.77	2.33	1.65	1.46	1.64	.28	.96	.72
562				14.85	188.47	246.34	287.86	38.45	325.87	333.88	135.46
563				12.65	3.82	2.28	1.49	1.82	.79	1.36	.57
564				11.24	94.83	248.62	293.33	32.46	296.58	318.24	161.48
565				2.83	1.37	.39	1.83	.91	.43	.38	.28
566				383.51	188.13	357.82	383.22	1.49	134.54	312.35	188.29
567				2.73	1.88	.21	1.87	1.13	.55	.26	.27
568				324.57	112.44	333.53	298.16	11.93	164.74	383.28	189.86
569				3.81	.94	.25	1.25	1.88	.51	.39	.24
570				342.25	117.45	298.54	285.58	18.16	149.99	382.62	187.12
571				3.53	.75	.39	1.38	1.88	.53	.48	.19
572				357.81	132.32	282.37	295.42	23.53	168.72	313.88	122.96
573				4.68	.74	.61	1.35	1.89	.64	.71	.23
574				8.48	135.45	267.31	291.81	22.47	176.78	382.91	98.47
575				5.92	.78	.98	1.37	1.84	.78	.83	.21
576				13.74	135.98	251.72	281.88	23.64	175.57	284.82	47.34
577				7.65	1.11	1.65	1.34	1.36	.67	.91	.35
578				16.38	123.61	241.84	275.86	27.89	165.22	275.12	347.73
579				12.81	1.91	2.22	.77	1.26	.66	1.33	.66
580				13.83	78.18	253.81	298.18	22.81	251.85	286.61	296.88

TABLE VIII.- Continued

(c) Continued

FLAPWISE 37 PERCENT RADIUS											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
519	24.15	23.58	61#	12.31	8.75	7.98	2.76	3.24	.54	.27	.83 AMP
520	25.76	24.83	61#	148.19	315.74	51.61	328.72	86.95	319.25	168.63	237.53 PHASE
521	27.34	24.26	61#	13.19	8.47	7.78	2.66	3.15	.43	.32	7# AMP
522	29.88	23.86	61#	142.97	319.89	51.88	337.33	99.38	324.18	187.66	256.83 PHASE
523	38.66	23.29	61#	13.93	8.19	7.82	2.47	2.76	.58	.28	.66 AMP
524	31.98	22.88	60#	141.34	315.88	41.59	331.72	92.58	382.56	193.85	249.16 PHASE
525	32.64	22.71	61#	14.45	7.72	8.23	1.94	2.71	.42	.36	.27 AMP
526	22.99	24.96	61#	142.83	328.76	44.85	338.84	96.82	328.56	198.88	275.22 PHASE
527	24.71	25.86	61#	14.92	7.42	8.35	1.54	2.33	.38	.49	.18 AMP
528	26.16	25.88	61#	139.28	315.46	31.26	322.72	74.38	268.71	189.85	356.79 PHASE
529	27.66	25.22	61#	15.44	7.54	8.28	1.36	1.85	.38	.43	.64 AMP
530	29.88	26.36	61#	138.67	318.51	28.83	314.59	71.46	225.55	284.63	352.52 PHASE
531	38.32	24.34	60#	15.26	7.41	8.22	1.38	1.69	.49	.58	.84 AMP
532	38.98	24.83	60#	137.87	319.64	25.88	387.47	73.31	284.11	197.79	357.55 PHASE
533	25.79	19.88	61#	14.25	9.61	7.32	2.22	3.89	.59	.21	.86 AMP
534	27.36	28.18	61#	148.88	319.84	66.74	345.41	94.88	325.41	176.86	253.98 PHASE
535	28.81	28.88	61#	15.35	9.28	7.12	1.78	2.51	.41	.29	.31 AMP
536	38.37	21.43	61#	142.97	328.44	66.74	.91	89.15	346.47	167.69	335.24 PHASE
537	32.22	28.28	61#	16.83	8.87	7.18	1.54	2.21	.48	.36	.23 AMP
538	33.98	28.23	61#	145.29	322.47	68.37	14.11	87.99	334.39	193.67	1.85 PHASE
539	35.48	28.45	61#	16.56	8.64	7.48	1.32	1.99	.46	.48	.24 AMP
540	36.25	28.55	61#	144.73	323.24	64.52	19.52	78.79	337.66	198.82	25.89 PHASE
541	36.99	28.23	61#	17.88	8.66	7.34	.98	1.89	.36	.37	.41 AMP
542	27.59	13.88	612	142.47	328.28	54.78	9.88	49.28	324.98	182.56	357.58 PHASE
543	29.11	15.66	61#	17.48	8.68	7.18	.74	2.87	.21	.38	.32 AMP
544	38.78	16.92	61#	144.63	338.83	57.99	346.38	28.91	323.97	281.88	28.45 PHASE
545	32.36	17.45	61#	17.89	8.89	7.85	.88	1.34	.18	.33	.46 AMP
546	34.38	18.42	60#	141.52	326.75	47.88	318.31	48.64	219.96	179.87	18.49 PHASE
547	36.25	19.46	61#	11.82	6.66	6.88	1.96	2.85	.48	.24	.68 AMP
548	37.79	19.66	61#	142.15	327.57	45.27	332.32	96.68	314.23	217.48	248.44 PHASE
549	39.17	28.87	61#	11.82	6.78	7.23	2.87	2.59	.64	.31	.62 AMP
550	29.11	15.66	61#	148.38	328.46	32.83	216.92	87.41	282.78	286.76	225.71 PHASE
551	38.78	16.92	61#	12.68	6.98	7.58	1.91	2.54	.65	.28	.56 AMP
552	32.36	17.45	61#	139.72	328.48	26.81	318.23	82.18	289.46	188.93	232.24 PHASE
553	36.25	19.46	61#	13.89	7.16	7.93	1.77	2.58	.46	.48	.48 AMP
554	36.99	28.23	61#	146.68	329.81	42.97	315.27	185.65	286.45	227.48	277.39 PHASE
555	27.59	13.88	612	13.71	6.69	7.73	1.49	2.67	.48	.37	.39 AMP
556	29.11	15.66	61#	148.85	329.39	28.83	298.86	81.89	265.81	284.53	248.66 PHASE
557	32.36	17.45	61#	14.87	6.37	7.43	1.36	2.42	.59	.36	.43 AMP
558	33.98	28.23	61#	142.69	336.47	34.69	286.28	182.74	257.68	226.81	275.86 PHASE
559	35.48	28.45	61#	14.25	6.14	6.96	1.37	2.45	.78	.38	.54 AMP
560	36.25	28.55	61#	138.63	337.13	24.19	263.95	99.57	229.18	223.32	271.72 PHASE
561	36.99	28.23	61#	14.31	6.39	6.66	1.42	2.48	.88	.31	.47 AMP
562	27.59	13.88	612	135.68	339.44	16.52	245.67	95.13	213.66	217.86	246.34 PHASE
563	29.11	15.66	61#	13.96	6.67	5.86	1.82	2.46	.86	.21	.48 AMP
564	32.36	17.45	61#	132.33	338.83	8.67	229.58	97.33	196.59	171.88	257.57 PHASE
565	36.25	19.46	61#	9.97	5.19	5.86	1.43	2.11	.44	.18	.35 AMP
566	37.79	19.66	61#	142.26	336.64	31.39	328.82	67.46	285.52	285.86	288.88 PHASE
567	39.17	28.87	61#	18.79	5.51	5.88	1.58	1.86	.68	.28	.41 AMP
568	29.11	15.66	61#	143.82	335.38	27.82	325.46	68.91	286.74	224.87	286.82 PHASE
569	38.78	16.92	61#	11.44	7.79	6.21	1.38	2.86	.54	.27	.28 AMP
570	32.36	17.45	61#	143.29	374.82	23.56	312.55	52.42	275.41	287.63	198.82 PHASE
571	36.25	19.46	61#	12.82	5.96	6.39	1.34	2.14	.45	.38	.28 AMP
572	37.79	19.66	61#	145.65	344.69	29.93	328.12	64.49	281.52	241.94	288.28 PHASE
573	39.17	28.87	61#	12.94	6.31	6.58	1.41	2.31	.42	.32	.41 AMP
574	36.25	19.46	61#	144.56	345.56	24.17	389.66	61.56	258.28	241.41	193.68 PHASE
575	37.79	19.66	61#	13.59	6.61	6.54	1.38	2.29	.49	.27	.38 AMP
576	39.17	28.87	61#	142.34	346.51	17.76	297.85	56.87	224.87	246.82	168.83 PHASE
577	37.79	19.66	61#	14.82	6.89	6.83	1.29	2.26	.64	.18	.42 AMP
578	39.17	28.87	61#	139.38	345.98	9.94	282.64	55.34	287.28	244.98	132.61 PHASE
579	39.17	28.87	61#	13.78	7.85	4.58	1.26	1.81	.69	.18	.49 AMP
580	39.17	28.87	61#	132.68	344.68	352.93	241.61	52.95	189.75	133.23	84.81 PHASE

TABLE VIII.- Continued

(c) Continued

CHORDWISE 37 PERCENT RADIUS											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
519	31.95	31.08	618	18.27	4.93	3.81	4.48	.68	13.88	2.55	1.44
				262.84	111.98	276.87	48.55	274.18	239.93	37.58	147.19
520	38.27	38.41	618	13.86	7.84	5.94	4.76	1.88	4.91	6.17	1.71
				288.91	126.34	278.21	49.77	243.64	293.69	51.22	163.34
521	28.69	41.36	618	28.28	18.15	8.87	6.23	5.48	4.74	8.36	.73
				298.35	131.48	262.16	25.63	273.98	48.33	53.74	178.86
522	27.85	48.21	611	28.41	12.81	11.57	8.11	6.25	.97	7.52	1.82
				314.16	139.73	264.34	41.72	293.41	5.38	85.77	51.75
523	24.21	59.68	618	38.12	14.48	15.29	9.88	6.28	4.55	3.81	1.56
				325.16	137.93	256.28	37.33	291.71	321.98	36.85	3.57
524	28.98	69.18	689	48.84	15.58	18.76	18.78	7.21	18.77	7.32	2.96
				336.36	141.29	261.39	36.71	388.59	328.96	385.14	334.27
525	19.77	75.13	618	53.85	15.33	28.56	11.28	6.54	13.28	9.26	4.64
				336.66	141.19	268.39	38.65	323.82	345.68	318.83	335.21
526	31.81	28.84	618	13.12	5.22	4.14	4.37	1.14	9.48	3.44	1.82
				261.54	113.73	262.38	62.68	238.93	264.26	66.43	197.69
527	28.23	42.88	618	28.19	7.56	8.44	5.19	4.73	16.83	2.44	1.32
				282.88	132.98	287.23	72.98	277.34	286.38	46.68	163.38
528	25.17	44.42	618	25.52	18.82	8.86	6.38	7.34	9.14	4.78	1.34
				381.45	141.11	294.43	78.58	291.31	352.85	84.26	215.38
529	22.42	52.88	618	31.66	13.56	18.21	6.99	8.82	5.74	5.69	.64
				314.68	146.81	288.81	88.62	299.87	348.93	119.57	287.85
530	18.43	68.36	618	48.57	16.23	12.72	7.91	9.21	7.76	2.87	.65
				328.14	145.73	279.88	71.48	383.76	318.16	248.46	291.88
531	12.88	76.82	689	52.33	18.84	16.59	8.84	9.77	12.74	18.61	1.36
				349.52	154.87	295.18	59.28	348.59	339.88	315.24	59.84
532	13.92	78.53	688	52.23	17.88	17.29	7.98	8.88	12.35	7.26	1.57
				337.14	151.46	282.38	54.13	331.88	335.94	292.72	28.85
533	28.67	25.28	618	8.31	4.38	3.28	3.76	2.89	5.96	4.13	.97
				273.81	185.65	288.94	55.12	189.54	387.29	82.19	185.55
534	28.64	31.57	611	12.44	6.82	6.85	4.79	1.65	7.58	5.89	1.12
				298.58	114.41	265.86	19.85	35.71	36.51	48.55	195.13
535	28.32	36.69	618	18.31	8.94	8.31	7.66	1.83	3.76	5.75	.47
				389.92	125.82	249.63	17.84	346.38	85.36	68.59	168.18
536	26.88	51.68	618	27.18	11.37	12.82	9.85	4.39	8.88	3.65	1.18
				339.56	144.11	267.79	51.14	39.85	332.81	345.98	228.29
537	26.48	57.59	618	33.31	11.25	15.88	9.75	3.34	7.85	.48	1.45
				338.31	144.56	253.19	35.98	353.86	277.72	384.15	126.38
538	24.18	74.54	618	45.78	11.58	28.26	18.36	4.24	18.45	3.98	1.16
				341.97	154.58	264.82	48.83	355.83	318.23	314.11	195.26
539	22.84	88.95	618	57.54	18.97	24.15	18.94	6.34	11.36	7.42	1.28
				344.82	155.55	259.65	35.19	334.97	333.77	387.79	251.89
540	22.13	92.78	618	63.25	18.78	26.23	18.94	8.81	13.41	7.88	1.86
				344.38	161.39	254.74	21.45	323.32	336.55	388.84	242.82
541	22.48	182.65	618	72.79	13.16	38.14	18.19	7.29	11.29	7.51	1.58
				358.95	164.46	249.87	2.52	298.82	357.21	326.42	285.51
578	27.45	19.14	612	5.82	2.79	2.97	4.36	2.32	5.78	2.92	.92
				278.71	123.24	284.89	49.84	62.94	312.44	72.57	133.11
571	27.92	26.77	611	9.89	5.84	4.87	5.91	2.18	6.78	4.36	.83
				311.97	131.85	256.33	38.86	7.62	75.87	74.68	116.92
572	28.23	31.97	611	16.93	6.34	8.28	7.56	3.75	.75	2.86	1.83
				331.85	148.87	242.83	31.74	18.21	31.38	182.88	121.88
573	28.22	43.78	618	23.49	6.72	11.23	8.74	3.25	2.69	.89	1.73
				348.27	156.14	258.17	44.89	24.17	312.21	162.83	144.32
574	27.54	63.62	688	35.44	7.26	15.44	18.86	2.37	7.22	2.75	1.88
				346.78	162.21	248.23	39.77	357.68	323.45	283.54	155.81
575	26.98	88.16	611	48.37	7.68	28.17	11.26	2.17	7.45	1.47	2.23
				346.47	172.78	244.73	31.78	381.26	387.82	288.62	141.61
576	25.35	98.76	611	61.53	7.45	23.83	11.71	2.62	7.58	2.72	1.93
				348.92	182.84	243.81	19.81	253.88	339.87	355.68	119.91
577	25.58	113.82	618	83.87	12.98	28.37	18.82	1.41	9.17	4.81	3.39
				357.65	198.82	237.81	352.27	242.99	18.33	68.79	53.27

TABLE VIII.- Continued

(c) Continued

TORSION 36 PERCENT RADIUS											
RUN NO		18									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
519	2.98	7.88	618	3.74	2.69	.13	1.76	1.85	.45	.43	.41 AMP
520	.99	7.63	618	382.89	189.31	23.54	287.23	343.59	62.66	288.26	88.22 PHASE
521	-.95	7.59	618	3.76	2.36	.21	1.57	1.86	.52	.58	.15 AMP
522	-3.11	7.88	611	318.18	114.89	14.47	288.67	358.93	127.58	287.37	92.58 PHASE
523	-5.76	8.74	618	3.99	2.88	.17	1.42	1.13	.61	.67	.88 AMP
524	-8.33	18.93	609	329.79	187.91	357.27	272.48	347.26	145.52	288.69	84.78 PHASE
525	-9.48	12.24	618	4.68	2.97	.24	1.55	1.81	.43	.87	.12 AMP
526	4.83	7.67	618	343.23	118.71	289.65	272.67	359.43	174.77	293.37	222.28 PHASE
527	1.69	7.37	618	5.84	2.81	.43	1.74	.96	.15	.85	.34 AMP
528	-.54	7.37	618	358.22	188.21	282.68	258.81	333.65	146.16	278.33	184.44 PHASE
529	-2.88	7.71	618	7.62	2.37	.79	2.84	1.15	.38	.98	.71 AMP
530	-5.55	9.78	618	356.21	97.33	218.94	258.77	311.81	298.81	287.18	173.27 PHASE
531	-8.98	14.24	609	8.37	2.52	.92	2.19	1.31	.41	.86	.99 AMP
532	-9.28	13.26	608	357.43	93.57	218.89	257.97	318.22	382.44	281.74	176.79 PHASE
533	2.12	6.15	618	4.83	2.97	.24	1.38	1.19	.46	.38	.57 AMP
534	.24	6.39	611	385.59	113.69	88.81	384.51	358.53	78.67	277.84	192.97 PHASE
535	-1.66	6.77	618	4.88	2.59	.18	1.25	.88	.27	.68	.38 AMP
536	-4.81	7.52	618	325.59	115.85	93.14	386.43	352.96	65.43	276.55	173.34 PHASE
537	-5.79	7.87	618	4.58	2.45	.25	1.84	.98	.19	.68	.36 AMP
538	-8.14	9.89	618	348.19	115.88	172.23	388.88	345.38	281.53	318.82	185.52 PHASE
539	-18.43	11.89	618	5.34	2.42	.54	1.12	.86	.32	.67	.49 AMP
540	-11.72	13.88	618	347.84	116.61	185.85	286.24	331.82	281.84	329.97	152.17 PHASE
541	-13.84	16.41	618	6.86	2.67	.84	1.35	1.89	.39	.61	.69 AMP
542	.92	4.94	612	353.58	188.88	198.74	274.17	389.48	318.53	327.36	148.67 PHASE
543	-2.94	5.39	611	9.84	3.41	1.18	1.61	1.26	.35	.42	.98 AMP
544	-4.79	5.75	618	1.11	187.66	285.77	282.51	389.28	185.47	242.71	177.99 PHASE
545	-7.88	6.83	608	9.47	2.97	1.21	1.78	1.35	.23	.48	.98 AMP
546	-9.38	8.49	611	358.19	185.11	199.36	271.38	387.77	357.22	269.68	171.89 PHASE
547	-11.29	18.78	611	3.34	2.15	.25	1.22	.97	.62	.26	.32 AMP
548	-14.54	15.84	618	299.75	183.32	1.78	287.45	354.98	97.17	296.92	96.67 PHASE
549				3.28	1.87	.89	1.19	.96	.57	.48	.31 AMP
550				314.63	99.58	355.87	268.54	341.66	117.64	298.48	98.84 PHASE
551				3.54	1.62	.14	1.18	1.16	.56	.51	.34 AMP
552				329.85	188.74	218.68	255.19	348.34	128.67	276.85	88.11 PHASE
553				4.29	1.73	.29	1.41	.99	.56	.83	.27 AMP
554				358.88	188.69	258.28	276.46	16.65	148.48	382.16	139.28 PHASE
555				4.98	1.34	.48	1.48	1.18	.57	.71	.29 AMP
556				353.82	189.41	215.93	258.28	2.25	119.92	265.44	82.62 PHASE
557				6.48	1.66	.92	1.47	1.16	.62	.75	.47 AMP
558				4.98	113.87	222.93	271.85	25.85	148.74	285.74	111.64 PHASE
559				8.25	2.15	1.39	1.46	1.38	.28	.76	.68 AMP
560				8.86	187.28	216.85	263.88	14.88	128.74	288.33	99.94 PHASE
561				9.41	2.35	1.44	1.33	1.45	.87	.88	.54 AMP
562				6.99	97.25	218.47	257.76	.53	34.85	282.51	79.93 PHASE
563				11.95	2.98	1.75	1.34	1.59	.48	1.16	.41 AMP
564				3.78	81.99	214.53	264.43	353.89	254.12	262.29	186.32 PHASE
565				2.94	1.58	.26	.98	.79	.48	.25	.22 AMP
566				388.88	93.86	338.87	273.11	323.78	95.97	272.42	54.33 PHASE
567				2.91	1.22	.89	.94	.98	.49	.22	.19 AMP
568				328.93	97.93	288.92	268.92	334.29	128.43	261.26	56.73 PHASE
569				3.22	1.87	.16	.89	.95	.46	.33	.19 AMP
570				336.85	181.96	238.61	255.83	331.58	185.98	268.93	48.16 PHASE
571				3.74	.84	.27	1.13	.95	.48	.41	.14 AMP
572				351.28	116.88	248.98	265.28	345.25	125.81	268.98	57.88 PHASE
573				4.71	.81	.45	1.21	.96	.58	.58	.17 AMP
574				1.18	122.57	224.37	259.75	344.15	132.64	254.48	42.23 PHASE
575				5.89	.84	.88	1.22	.93	.64	.69	.18 AMP
576				6.62	123.36	211.26	258.93	344.64	126.86	235.77	353.69 PHASE
577				7.43	1.15	1.26	1.18	1.22	.63	.78	.28 AMP
578				9.11	114.35	286.81	246.31	358.33	115.97	227.59	299.74 PHASE
579				11.38	1.86	1.58	.72	1.14	.48	1.13	.58 AMP
580				5.56	72.15	221.96	269.55	346.87	282.94	238.41	248.33 PHASE

TABLE VIII.- Continued

(c) Continued

FLAPWISE 51 PERCENT RADIUS												
RUN NO		18										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
519	6.68	32.79	610	17.20	13.60	8.66	1.57	2.32	1.62	1.93	2.01	AMP
520	8.73	32.42	610	134.02	314.01	48.29	327.69	250.59	121.29	36.36	244.23	PHASE
521	10.66	32.10	610	18.27	13.21	8.61	1.50	2.19	1.54	2.02	2.00	AMP
522	12.64	31.39	611	137.47	316.66	47.15	339.54	260.53	122.26	50.79	260.90	PHASE
523	14.72	31.10	610	19.23	12.62	8.00	1.61	1.99	1.67	2.19	1.72	AMP
524	16.22	31.45	609	135.24	312.14	36.86	337.59	240.67	97.73	36.03	266.43	PHASE
525	17.28	30.96	610	20.02	11.74	9.42	1.53	1.01	1.66	2.03	1.03	AMP
526	5.07	32.67	610	130.90	314.14	37.95	342.02	257.22	111.20	56.99	310.02	PHASE
527	7.05	33.70	610	20.96	11.00	9.00	1.40	1.51	1.60	1.03	1.64	AMP
528	8.92	34.31	610	136.22	306.03	25.20	329.65	236.01	04.30	41.53	341.27	PHASE
529	10.67	34.01	610	21.95	11.10	9.84	1.25	1.16	1.62	1.03	3.11	AMP
530	12.60	35.20	610	136.96	307.34	23.32	333.77	233.79	72.15	36.24	344.75	PHASE
531	14.17	36.34	609	22.11	10.71	9.91	1.19	.97	1.60	1.95	3.00	AMP
532	15.01	34.05	606	136.37	306.30	20.70	335.51	230.55	67.69	39.15	349.79	PHASE
533	9.67	26.09	610	19.10	14.33	7.98	1.07	2.10	1.91	1.00	.91	AMP
534	11.40	28.22	611	134.75	310.67	61.15	345.11	251.20	130.11	72.46	329.17	PHASE
535	13.16	28.73	610	20.34	13.73	7.92	.95	1.59	1.73	2.33	1.73	AMP
536	14.06	30.37	610	130.09	310.15	60.07	350.39	247.42	132.06	70.61	336.35	PHASE
537	17.16	29.69	610	21.37	13.07	8.03	1.07	1.40	1.71	2.19	1.60	AMP
538	19.17	30.01	610	140.90	310.72	61.16	4.71	243.67	130.40	93.44	355.46	PHASE
539	21.02	29.50	610	22.07	12.73	8.38	1.19	1.43	1.70	1.95	1.79	AMP
540	21.97	20.92	610	141.29	317.43	55.49	2.90	243.12	124.34	92.84	357.26	PHASE
541	22.97	29.62	610	23.12	12.50	8.64	1.04	1.40	1.55	1.80	2.43	AMP
542	12.48	21.18	612	139.56	312.11	45.02	350.04	222.03	105.32	74.66	341.22	PHASE
543	13.93	22.66	611	23.90	12.71	8.73	.72	1.57	1.25	1.55	2.34	AMP
544	15.73	23.72	611	143.32	317.03	45.36	14.23	222.94	96.03	77.43	357.33	PHASE
545	17.52	24.24	610	23.65	12.72	8.99	1.04	1.21	1.16	1.62	2.75	AMP
546	19.69	26.54	608	140.47	315.49	30.26	2.23	233.45	03.51	64.42	350.20	PHASE
547	22.01	27.69	611	15.91	10.34	7.63	1.60	1.03	.00	1.33	1.96	AMP
548	23.06	28.43	611	134.29	319.52	41.67	319.01	264.37	142.79	45.70	261.00	PHASE
549	25.55	28.24	610	16.05	10.56	8.45	1.60	1.70	.07	1.26	1.79	AMP
550				133.23	312.15	20.94	315.10	245.61	106.26	20.75	246.56	PHASE
551				17.90	10.71	9.04	1.70	2.03	1.04	1.29	1.90	AMP
552				133.95	311.09	22.50	309.20	241.00	93.40	22.54	242.60	PHASE
553				10.99	11.01	9.61	1.59	1.91	1.16	1.35	1.49	AMP
554				141.09	319.19	30.76	320.19	264.15	115.93	63.04	297.07	PHASE
555				19.73	10.23	9.97	1.63	1.03	.90	1.27	1.59	AMP
556				137.00	314.54	23.20	311.25	251.60	97.20	31.23	254.54	PHASE
557				20.49	9.77	9.09	1.41	1.63	.02	1.36	1.73	AMP
558				140.31	317.50	29.79	320.93	270.79	103.23	46.07	206.60	PHASE
559				21.06	9.34	9.63	1.36	1.58	.79	1.47	1.90	AMP
560				130.13	313.45	20.44	300.53	266.63	03.72	20.60	204.05	PHASE
561				21.14	9.36	9.30	1.30	1.60	.73	1.49	1.55	AMP
562				136.39	312.01	13.65	293.60	262.64	73.40	6.14	264.02	PHASE
563				21.16	9.56	8.77	1.17	1.01	.07	2.03	1.92	AMP
564				135.06	309.90	8.46	202.19	262.73	56.23	3.06	270.29	PHASE
565				14.52	7.65	5.91	1.17	1.54	.54	.04	.07	AMP
566				135.14	323.06	25.51	304.30	250.29	132.25	24.10	205.54	PHASE
567				15.44	8.01	7.04	1.15	.55	.00	1.02	1.02	AMP
568				137.03	322.00	21.05	306.00	246.67	112.35	21.25	211.99	PHASE
569				16.41	8.08	7.97	1.13	.56	.60	.02	.02	AMP
570				137.17	321.17	17.00	294.33	240.92	102.53	13.26	200.61	PHASE
571				17.20	8.37	8.40	1.00	1.63	.57	.62	.60	AMP
572				140.05	323.69	24.95	299.00	255.24	119.10	30.99	229.04	PHASE
573				10.42	8.69	9.01	1.05	1.50	.56	.60	.91	AMP
574				141.25	325.94	20.44	209.93	254.70	98.77	4.90	213.22	PHASE
575				19.46	8.73	9.46	.90	1.53	.49	.61	.03	AMP
576				140.09	324.69	15.00	202.56	254.04	00.15	344.01	176.06	PHASE
577				20.36	8.69	9.30	.75	1.54	.54	.73	.05	AMP
578				139.69	321.54	9.01	276.59	252.66	67.50	320.29	132.92	PHASE
579				20.50	9.41	7.71	.79	1.37	.07	.01	.01	AMP
580				136.06	315.93	356.36	236.65	244.62	53.74	6.95	74.16	PHASE

TABLE VIII.- Continued

(c) Continued

CHORDWISE 51 PERCENT RADIUS											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
519	18.78	34.62	618	18.87	5.67	2.76	4.45	1.14	14.46	2.89	1.82
520	9.71	33.47	618	274.63	119.81	281.14	58.82	275.42	242.94	41.67	168.55
521	8.75	39.91	618	14.34	7.57	5.14	5.86	2.27	5.72	6.93	1.67
522	7.33	44.86	611	286.79	138.23	287.37	59.68	248.64	296.18	53.81	168.57
523	4.83	55.14	618	19.65	9.92	7.17	6.42	5.48	5.84	9.75	.72
524	1.63	63.71	689	298.32	132.34	272.25	35.62	271.83	36.88	56.82	178.99
525	.16	69.58	618	25.89	11.78	9.11	8.55	6.18	1.42	8.94	1.71
526	11.23	29.32	618	318.81	138.18	274.13	49.88	298.13	354.17	98.36	62.31
527	9.55	43.98	618	33.68	13.84	12.12	18.37	6.87	5.48	3.57	2.33
528	7.46	42.64	618	319.27	132.98	265.31	41.17	291.11	323.57	53.17	22.64
529	5.18	51.24	618	41.91	14.85	15.48	11.57	7.35	12.44	7.48	3.84
530	1.58	56.87	618	328.93	134.17	269.67	37.53	312.49	332.24	389.28	358.48
531	-3.62	67.63	689	46.82	14.85	17.28	12.31	6.89	14.99	9.32	5.81
532	-3.22	67.37	688	329.78	132.99	268.81	31.85	328.46	348.98	324.31	346.24
533	7.82	27.95	618	13.22	5.87	3.56	4.16	1.38	18.56	4.87	.56
534	7.48	33.82	611	272.86	128.67	265.88	78.13	253.47	265.98	68.81	196.69
535	7.45	36.74	618	19.29	7.93	6.82	5.32	4.76	17.61	3.83	.99
536	6.58	47.69	618	285.85	132.92	289.98	78.67	278.84	288.48	56.94	124.15
537	5.98	55.32	618	46.93	16.12	14.58	9.88	8.95	14.36	7.84	2.72
538	3.48	63.64	618	381.38	139.84	388.86	82.13	298.66	354.28	87.96	212.28
539	1.28	73.22	618	28.94	12.71	7.88	7.35	8.48	6.96	7.32	.43
540	.75	75.88	618	312.86	142.88	295.67	82.67	299.84	353.79	122.17	171.51
541	1.87	85.88	618	36.31	15.27	18.84	8.32	8.86	9.89	2.11	1.88
542	5.62	21.38	612	322.83	138.72	286.35	71.59	386.37	325.68	218.25	348.33
543	4.93	29.87	611	46.28	17.33	14.89	9.29	9.89	14.56	11.88	2.98
544	4.32	32.16	611	341.82	144.79	388.84	58.85	387.15	346.38	319.31	64.48
545	3.97	48.52	618	45.93	16.12	14.58	9.88	8.95	14.36	7.84	2.72
546	3.88	55.41	688	331.58	141.41	288.34	51.89	339.81	342.64	294.74	36.83
547	1.78	67.96	611	9.12	4.53	2.89	4.86	2.48	6.94	4.95	.88
548	.11	75.98	611	284.44	116.58	293.76	59.85	118.46	389.43	86.92	233.89
549	.32	92.79	618	13.82	6.84	5.24	5.18	.92	8.28	6.78	1.38
550				293.72	128.61	276.58	31.79	28.69	35.42	51.81	218.25
551				17.79	8.56	6.81	7.93	.88	3.68	6.61	.27
552				386.54	127.46	261.24	25.96	292.26	83.78	63.24	255.84
553				24.88	18.39	18.27	18.88	3.57	18.87	4.89	.97
554				338.16	142.86	278.74	56.84	34.85	333.19	344.61	225.59
555				29.48	18.15	12.65	18.43	2.87	8.18	.41	1.79
556				323.34	148.69	263.91	48.84	345.84	281.83	289.57	118.36
557				38.87	18.31	16.57	11.13	3.98	11.86	4.38	1.48
558				334.18	147.62	274.27	58.97	348.38	328.67	316.41	187.28
559				48.12	18.11	28.21	12.88	6.11	12.67	8.58	1.71
560				335.97	144.97	267.41	35.22	334.82	335.78	311.21	249.49
561				52.11	18.32	22.46	12.11	7.98	14.97	9.81	1.17
562				337.81	149.26	268.97	28.28	338.35	384.88	231.28	38.83
563				57.65	14.43	27.87	11.82	7.61	12.74	8.75	2.85
564				344.48	153.66	254.16	1.44	287.85	356.97	331.94	282.56
565				6.28	3.86	2.58	4.61	2.83	6.47	3.55	.74
566				292.78	135.53	291.89	51.22	63.89	314.17	78.42	147.93
567				18.61	4.98	4.18	6.18	1.81	7.86	5.81	.74
568				318.68	137.42	268.86	36.36	1.35	74.39	77.42	119.42
569				15.86	6.88	6.55	7.92	3.26	1.88	2.37	2.87
570				324.78	142.45	254.42	35.19	7.42	4.53	114.62	122.12
571				28.96	6.34	8.83	9.28	2.84	3.43	1.34	2.86
572				332.33	154.88	261.87	47.66	21.89	313.77	185.55	143.48
573				29.83	6.66	12.18	18.88	2.14	8.17	3.58	2.27
574				338.23	157.12	259.27	42.88	352.84	323.49	288.39	156.61
575				39.73	6.59	16.85	12.35	1.98	8.45	2.86	2.87
576				338.67	163.77	254.97	33.58	388.29	387.93	281.17	139.43
577				49.51	6.84	19.36	13.89	2.35	8.25	3.88	2.36
578				348.87	169.64	252.83	28.68	251.83	337.47	358.24	114.94
579				63.55	12.82	25.18	11.43	11.74	9.64	5.56	4.48
580				351.56	173.98	242.47	352.68	242.96	15.49	66.98	58.92



TABLE VIII.- Continued

(c) Continued

TORSION 5% PERCENT RADIUS											
RUN NO		18									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
519	3.63	7.24	61#	3.39	2.86	.22	1.69	1.16	.55	.48	.48 AMP
520	1.67	7.72	61#	386.54	121.6#	26.84	313.39	16.71	189.87	347.35	168.88 PHASE
521	-1.18	7.57	61#	3.37	2.51	.31	1.5#	1.12	.58	.63	.16 AMP
522	-2.2#	7.53	61#	322.99	127.93	18.33	317.28	25.13	158.42	339.81	192.34 PHASE
523	-4.56	7.74	61#	3.52	2.16	.32	1.38	1.13	.64	.78	.86 AMP
524	-6.85	9.45	609	335.18	123.17	4.2#	384.85	19.48	174.11	338.15	217.99 PHASE
525	-7.91	18.53	61#	3.96	1.85	.17	1.34	1.03	.92	.47	.17 AMP
526	4.7#	7.88	61#	349.69	129.14	11.28	383.27	28.76	288.66	348.42	383.73 PHASE
527	2.48	7.13	61#	4.86	1.69	.12	1.51	1.02	.19	.92	.26 AMP
528	.38	7.1#	61#	357.39	118.61	218.89	283.58	2.18	164.99	325.27	268.18 PHASE
529	-1.67	6.64	61#	6.34	1.81	.48	1.97	1.31	.28	1.81	.63 AMP
530	-4.12	8.2#	61#	3.89	118.47	286.71	282.18	347.89	336.53	332.35	236.64 PHASE
531	-7.13	12.5#	609	7.82	1.89	.63	2.14	1.47	.48	.93	.88 AMP
532	-7.53	11.82	608	4.26	184.34	282.47	279.33	343.38	346.79	331.56	236.38 PHASE
533	2.84	6.24	61#	3.65	3.19	.19	1.28	1.22	.68	.19	.48 AMP
534	.94	6.48	61#	388.48	125.61	76.44	338.83	31.92	127.39	356.48	249.41 PHASE
535	-9.9#	6.74	61#	3.5#	2.75	.18	1.18	.98	.33	.47	.34 AMP
536	-3.14	7.22	61#	328.46	127.69	19.22	334.84	27.85	118.83	333.94	248.39 PHASE
537	-4.79	7.43	61#	3.74	2.41	.83	.91	.84	.23	.59	.27 AMP
538	-6.93	8.88	61#	343.55	138.48	356.24	331.25	19.69	283.83	4.96	251.26 PHASE
539	-9.8#	18.33	61#	4.31	2.2#	.2#	.97	.84	.17	.73	.37 AMP
540	-18.28	11.58	61#	352.87	131.94	197.54	314.28	6.41	299.29	21.42	193.19 PHASE
541	-12.17	14.40	61#	5.43	2.16	.54	1.24	1.88	.28	.69	.68 AMP
542	1.87	5.80	612	358.68	121.82	194.24	297.44	344.94	1.21	19.77	189.58 PHASE
543	.89	5.24	61#	7.81	2.67	1.87	1.64	1.11	.31	.28	.91 AMP
544	-1.88	5.89	61#	5.48	111.4#	197.65	384.77	345.39	135.66	266.31	234.77 PHASE
545	-3.56	5.62	61#	7.67	2.28	1.81	1.74	1.28	.25	.32	.85 AMP
546	-5.7#	6.63	608	2.85	111.27	197.83	294.81	346.63	36.85	327.25	226.74 PHASE
547	-7.89	8.42	61#	2.99	2.42	.37	1.19	1.87	.66	.28	.36 AMP
548	-9.75	18.30	61#	385.28	114.94	22.23	318.83	28.84	133.44	358.76	163.65 PHASE
549	-12.85	13.52	61#	2.89	2.11	.25	1.12	.87	.62	.49	.48 AMP
550				321.4#	112.34	5.71	292.26	12.48	149.41	349.28	163.63 PHASE
551				3.13	1.81	.87	1.87	1.15	.63	.59	.38 AMP
552				338.38	116.88	337.18	287.36	15.92	151.49	327.44	148.86 PHASE
553				3.73	1.72	.17	1.22	.99	.64	.79	.28 AMP
554				4.4#	128.32	386.18	383.18	44.11	173.88	347.89	287.48 PHASE
555				4.33	1.39	.24	1.15	1.18	.65	.71	.28 AMP
556				3.98	128.96	229.89	285.32	29.15	158.88	312.83	145.99 PHASE
557				5.53	1.46	.57	1.24	1.25	.76	.76	.45 AMP
558				14.98	132.58	223.67	292.49	58.81	166.86	332.88	165.81 PHASE
559				7.18	1.76	1.88	1.38	1.52	.52	.83	.63 AMP
560				16.76	121.25	288.58	288.19	37.84	143.14	336.78	152.65 PHASE
561				8.22	1.98	1.84	1.29	1.71	.38	.96	.65 AMP
562				15.15	189.34	194.98	271.66	25.44	118.63	338.51	129.42 PHASE
563				18.44	2.38	1.84	1.29	1.88	.15	1.42	.47 AMP
564				18.58	87.45	196.82	275.76	18.18	284.94	312.17	158.62 PHASE
565				2.54	1.68	.27	.88	.84	.42	.28	.38 AMP
566				387.41	183.31	14.32	383.61	.88	128.91	323.55	117.11 PHASE
567				2.53	1.37	.87	.87	.96	.51	.25	.28 AMP
568				338.18	189.74	358.63	293.84	4.21	154.89	316.72	126.56 PHASE
569				2.85	1.17	.86	.96	.97	.47	.35	.23 AMP
570				347.71	117.89	241.96	283.56	.33	139.92	384.79	114.73 PHASE
571				3.38	.95	.17	.98	.99	.49	.48	.17 AMP
572				3.84	133.91	232.83	291.88	14.89	158.66	311.88	124.89 PHASE
573				4.34	.98	.33	1.83	1.83	.68	.68	.22 AMP
574				12.58	144.39	217.41	285.96	13.47	16.76	295.95	181.57 PHASE
575				5.54	.97	.65	1.86	1.86	.77	.77	.25 AMP
576				17.58	148.35	218.42	278.18	15.89	158.87	276.29	42.38 PHASE
577				6.91	1.17	.97	1.83	1.32	.74	.91	.34 AMP
578				19.77	144.35	287.89	271.78	17.98	146.74	287.54	357.92 PHASE
579				18.41	1.33	.71	.46	1.28	.39	1.33	.65 AMP
580				13.75	89.78	222.82	385.53	14.41	228.34	288.67	383.49 PHASE

TABLE VIII.- Continued

(c) Continued

FLAPWISE 77 PERCENT RADIUS											
RUN NO		18									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
519	-8.57	34.85	61#	28.63	12.68	4.35	6.47	4.64	1.71	2.65	3.74 AMP
520	-5.66	34.88	61#	129.34	315.57	357.77	155.18	263.39	297.24	219.84	67.35 PHASE
521	-2.87	34.84	61#	21.29	12.42	4.53	5.83	4.88	1.38	2.78	2.71 AMP
522	.23	34.86	61#	134.83	318.47	1.15	162.73	276.52	385.88	232.98	96.87 PHASE
523	3.82	36.31	61#	21.98	12.1#	4.47	5.28	4.63	1.1#	2.95	2.46 AMP
524	6.93	38.96	60#	136.84	313.39	352.43	156.2#	266.79	273.83	215.42	96.16 PHASE
525	8.44	39.35	61#	22.76	11.63	4.81	4.47	4.57	1.19	2.7#	1.87 AMP
526	-11.34	35.41	61#	148.66	316.98	359.84	159.4#	272.38	277.88	231.72	148.44 PHASE
527	-8.15	36.82	61#	23.72	11.21	4.97	3.57	4.85	1.3#	2.3#	2.8# AMP
528	-4.91	36.83	61#	148.3#	389.92	353.14	143.85	253.28	278.93	217.64	156.95 PHASE
529	-1.71	36.92	61#	25.27	11.84	4.18	3.25	3.57	1.36	2.15	4.93 AMP
530	1.82	39.86	61#	142.88	311.65	365.48	139.56	252.26	279.32	214.33	159.24 PHASE
531	5.4#	48.24	60#	25.61	18.79	4.86	3.8#	3.48	1.4#	2.22	5.95 AMP
532	6.49	39.87	60#	143.17	318.97	358.69	134.6#	258.92	284.34	213.69	163.24 PHASE
533	-5.72	29.17	61#	21.29	14.4#	4.32	5.12	4.84	1.16	2.24	1.47 AMP
534	-3.2#	31.48	61#	138.81	316.8#	7.39	172.83	265.79	338.18	258.83	149.4# PHASE
535	-4.46	32.9#	61#	21.56	14.17	4.84	4.29	4.87	.86	2.58	2.7# AMP
536	2.68	34.27	61#	135.61	315.59	17.45	188.94	258.45	315.82	254.99	154.3# PHASE
537	5.72	34.46	61#	22.11	13.57	4.83	3.67	3.82	.33	2.24	2.57 AMP
538	8.93	35.9#	61#	148.32	317.84	28.49	185.68	255.79	312.86	269.73	172.31 PHASE
539	11.96	37.6#	61#	23.8#	13.83	4.1#	3.32	3.32	.39	1.92	2.82 AMP
540	13.45	37.68	61#	142.36	317.11	29.99	181.85	247.77	382.14	272.49	173.84 PHASE
541	14.98	38.73	61#	24.18	12.8#	3.98	2.66	3.22	.53	1.6#	3.76 AMP
542	-2.86	25.34	612	142.98	311.5#	23.98	172.34	224.34	383.78	268.36	155.62 PHASE
543	2.42	28.19	611	25.83	12.25	3.36	1.72	2.67	.73	3.92	3.92 AMP
544	5.25	29.65	61#	148.34	316.56	23.57	168.84	199.38	69.24	226.59	171.81 PHASE
545	8.74	31.6#	60#	26.17	11.83	3.49	2.85	1.81	.77	1.16	4.26 AMP
546	12.22	33.44	611	145.63	315.97	21.82	149.32	242.61	3.91	237.48	167.48 PHASE
547	15.83	35.51	611	19.14	18.69	3.78	4.4#	5.19	.75	1.44	3.8# AMP
548	17.98	37.66	61#	138.37	328.7#	352.66	168.87	275.18	281.91	212.85	79.12 PHASE
549				19.82	18.8#	4.54	4.43	4.86	.54	1.41	2.68 AMP
550				131.66	314.77	344.57	142.69	265.18	252.55	196.2#	64.1# PHASE
551				28.68	11.82	5.24	4.24	4.81	.73	1.49	2.79 AMP
552				134.42	314.46	348.35	138.8#	268.59	225.27	184.48	61.35 PHASE
553				21.5#	11.6#	5.2#	3.77	4.75	.8#	1.56	2.39 AMP
554				143.79	322.88	.8#	151.58	283.82	293.36	223.66	118.6# PHASE
555				22.86	11.25	5.61	2.99	4.83	.26	1.36	2.31 AMP
556				141.86	318.35	348.51	133.53	262.34	292.29	187.27	75.56 PHASE
557				23.15	11.44	5.36	2.25	4.84	.46	1.39	2.54 AMP
558				147.62	322.22	355.7#	127.97	283.84	7.73	288.56	188.71 PHASE
559				24.37	11.55	5.83	1.93	5.26	.8#	1.43	2.81 AMP
560				147.79	318.98	345.86	181.16	279.86	12.86	172.81	185.78 PHASE
561				24.92	11.91	4.98	1.82	5.49	1.86	1.43	2.31 AMP
562				147.14	317.48	337.96	77.69	274.34	7.2#	157.87	88.79 PHASE
563				25.46	12.49	4.8#	2.29	5.41	.97	2.84	2.8# AMP
564				147.28	315.32	329.91	52.87	277.13	12.27	163.82	96.77 PHASE
565				17.65	8.25	3.51	2.88	3.98	.15	.87	1.27 AMP
566				131.16	322.78	337.17	155.34	244.47	73.2#	187.74	28.58 PHASE
567				18.2#	8.52	4.31	3.81	3.8#	.36	.87	1.45 AMP
568				135.22	323.32	341.74	147.32	246.31	126.12	183.96	33.5# PHASE
569				18.89	9.82	4.89	2.88	3.99	.25	.69	1.19 AMP
570				137.6#	321.74	342.81	136.81	231.15	115.1#	168.7#	38.87 PHASE
571				19.5#	9.26	5.22	2.69	4.85	.2#	.66	.97 AMP
572				143.47	329.26	352.88	145.35	241.78	181.12	183.81	49.41 PHASE
573				28.67	9.88	5.66	2.49	4.28	.36	.74	1.26 AMP
574				146.88	327.14	351.17	133.53	248.34	49.78	155.94	34.84 PHASE
575				21.97	18.4#	6.8#	2.22	4.28	.55	.83	1.85 AMP
576				147.44	324.36	348.77	118.23	236.15	34.61	148.83	355.91 PHASE
577				23.36	18.95	5.88	2.86	4.4#	.74	.94	1.83 AMP
578				148.24	321.2#	344.72	98.63	236.93	16.66	138.54	386.99 PHASE
579				24.88	12.44	4.58	.62	3.81	.78	.69	1.14 AMP
580				149.85	314.45	338.53	59.26	234.32	3.69	183.58	248.82 PHASE

TABLE VIII.- Continued

(c) Continued

CHORDWISE 77 PERCENT RADIUS											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
519	-9.25	22.09	61#	5.75	4.85	2.78	2.78	2.66	6.44	.41	1.86 AMP
				152.80	315.18	2.81	1.7.93	256.37	241.62	19.42	78.37 PHASE
520	-8.82	19.78	61#	5.82	3.39	3.27	2.57	3.87	2.88	2.15	1.45 AMP
				164.45	317.88	354.29	118.18	259.27	294.92	44.14	116.59 PHASE
521	-7.82	16.82	61#	3.73	2.64	3.48	2.55	4.25	2.24	3.49	1.89 AMP
				179.17	313.58	337.81	76.88	258.85	19.38	54.18	186.48 PHASE
522	-6.48	18.87	611	2.57	1.93	4.88	3.63	4.39	.98	3.46	1.41 AMP
				216.41	321.96	339.56	72.47	273.86	335.89	92.47	97.28 PHASE
523	-4.82	28.68	61#	*2.82	1.56	4.82	4.54	3.87	2.75	1.27	1.48 AMP
				273.59	325.18	325.83	55.52	266.84	315.59	61.68	88.89 PHASE
524	-3.84	27.89	689	4.73	1.68	5.72	5.87	3.69	5.97	2.75	1.17 AMP
				386.88	339.27	319.14	49.31	286.46	327.31	388.26	85.85 PHASE
525	-3.28	31.93	61#	5.92	1.63	6.14	5.36	3.36	7.18	3.38	.75 AMP
				389.85	345.63	313.58	41.38	388.47	343.88	318.29	69.18 PHASE
526	-9.89	19.63	61#	6.28	4.79	2.12	2.19	2.82	4.57	1.85	.61 AMP
				157.28	318.11	3.63	128.77	256.66	262.63	59.17	149.82 PHASE
527	-9.76	24.37	61#	5.19	3.96	2.88	2.41	3.61	7.47	.78	1.31 AMP
				176.68	314.71	354.67	117.19	261.29	282.45	45.84	127.15 PHASE
528	-8.62	18.92	61#	3.92	2.92	3.24	2.77	4.85	4.34	2.28	1.32 AMP
				195.54	315.68	5.91	186.14	268.32	358.18	86.88	166.42 PHASE
529	-7.13	19.18	61#	2.83	2.28	3.58	3.38	4.15	2.95	3.25	1.44 AMP
				223.81	315.84	4.22	97.85	274.35	353.39	119.38	152.48 PHASE
530	-6.83	22.76	61#	2.82	1.55	4.85	3.83	3.57	3.91	1.82	1.34 AMP
				277.61	323.49	352.68	82.59	276.68	326.22	189.62	122.51 PHASE
531	-5.69	38.77	689	5.56	1.64	5.18	3.92	2.57	6.35	4.17	2.45 AMP
				338.13	11.83	351.11	78.58	342.96	349.75	316.28	186.82 PHASE
532	-4.98	29.69	688	5.28	1.96	5.83	4.11	3.32	6.67	2.33	1.88 AMP
				313.87	358.66	341.18	64.18	328.86	344.82	287.82	182.67 PHASE
533	-9.11	17.84	61#	5.28	3.49	2.73	1.92	1.65	3.32	1.98	.65 AMP
				147.86	324.27	354.53	189.22	254.96	388.49	98.97	77.46 PHASE
534	-18.86	16.54	611	4.15	2.83	3.42	2.15	2.89	3.36	2.58	.48 AMP
				155.88	328.39	336.58	73.32	261.44	24.24	58.79	79.62 PHASE
535	-9.32	15.46	61#	2.77	2.42	3.89	3.84	2.69	1.25	2.68	1.81 AMP
				168.43	321.57	327.77	58.54	251.37	71.47	65.61	44.17 PHASE
536	-7.75	18.17	61#	.88	2.28	4.81	4.15	2.14	4.78	1.68	.98 AMP
				215.43	338.89	338.45	71.78	383.78	327.82	326.31	131.88 PHASE
537	-5.91	18.93	61#	2.18	2.17	5.27	4.45	2.73	3.65	.25	1.79 AMP
				278.47	328.68	328.46	58.33	276.32	279.86	192.92	86.67 PHASE
538	-5.82	28.98	61#	4.72	2.49	6.29	4.95	3.21	5.48	1.65	1.58 AMP
				311.95	335.67	321.62	57.84	298.42	318.88	387.89	127.22 PHASE
539	-3.95	27.87	61#	7.45	2.85	7.23	5.37	4.19	6.87	3.37	1.18 AMP
				318.57	335.66	387.29	38.66	298.41	333.81	388.24	123.72 PHASE
540	-2.52	38.28	61#	7.84	2.35	7.92	5.21	5.41	7.33	3.52	.96 AMP
				319.92	328.63	292.84	18.86	294.14	334.88	381.72	122.86 PHASE
541	-4.41	28.84	61#	7.19	1.18	9.27	4.68	6.23	6.33	3.55	.32 AMP
				338.81	215.72	268.37	358.68	277.83	348.91	329.82	133.58 PHASE
570	-8.68	14.91	612	5.81	2.67	2.49	1.75	1.28	2.88	1.55	.38 AMP
				141.44	328.18	348.38	82.15	242.92	389.85	83.35	63.42 PHASE
571	-9.53	13.11	611	3.67	2.27	2.92	2.38	1.72	2.95	2.15	.69 AMP
				148.25	324.42	324.78	58.76	258.63	66.77	79.82	52.95 PHASE
572	-9.36	12.19	611	2.81	2.18	3.39	3.13	1.49	.58	1.21	1.87 AMP
				149.85	325.89	324.11	51.12	262.64	348.83	117.16	86.18 PHASE
573	-8.16	13.31	61#	.51	2.25	3.92	3.66	1.53	1.61	.88	1.85 AMP
				191.17	333.12	326.88	59.62	278.18	389.36	178.16	111.48 PHASE
574	-6.38	16.88	608	2.24	2.65	4.88	4.44	2.88	3.72	1.49	.97 AMP
				321.79	333.77	316.82	58.36	268.97	319.82	266.84	117.68 PHASE
575	-4.88	21.86	611	5.29	3.21	5.83	5.26	2.64	3.79	.73	1.15 AMP
				321.93	329.32	386.68	39.89	249.92	385.87	262.45	112.21 PHASE
576	-3.78	23.84	611	8.81	3.87	6.79	5.64	3.88	3.83	1.24	.84 AMP
				324.64	323.87	298.88	25.75	238.88	331.15	347.98	88.33 PHASE
577	-.84	25.18	61#	8.18	2.65	9.11	4.47	6.76	4.14	2.15	1.47 AMP
				358.85	239.78	257.56	339.63	238.99	6.23	67.86	39.24 PHASE

TABLE VIII.- Continued

(c) Continued

TORSION 75 PERCENT RADIUS											
RUN NO		18									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
519	1.88	7.27	618	3.32	2.78	.16	1.29	1.87	.51	.76	.47
520	-1.74	6.68	618	288.20	112.43	268.29	327.99	349.98	148.39	48.84	258.65
521	-2.39	6.62	618	384.63	121.65	299.77	334.72	359.34	163.18	34.12	382.88
522	-4.12	6.16	611	2.87	2.22	.26	1.14	.89	.52	.73	.48
523	-6.84	6.35	618	318.45	128.82	294.72	329.86	349.31	155.47	9.89	299.87
524	-7.78	7.33	609	2.98	1.95	.28	1.85	.84	.48	.75	.58
525	-8.47	7.33	618	337.12	133.24	289.18	326.32	355.55	171.34	17.97	335.78
526	1.79	7.53	618	3.38	1.71	.28	.97	.79	.23	.75	.67
527	-2.25	7.88	618	351.87	137.61	252.88	384.35	334.75	118.88	356.47	322.78
528	-2.13	6.88	618	4.84	1.58	.26	1.84	.81	.15	.81	.85
529	-3.85	6.22	618	3.27	158.75	268.85	295.99	326.52	12.23	352.78	311.94
530	-5.71	5.76	618	4.41	1.54	.22	1.89	.81	.28	.78	.93
531	-7.53	6.93	609	6.36	152.83	243.22	298.42	322.81	7.65	358.92	389.64
532	-7.84	6.67	608	3.72	3.27	.22	1.86	.97	.68	.57	.54
533	-1.35	5.38	611	289.79	115.46	292.82	343.74	8.48	159.84	71.54	313.22
534	-2.97	5.11	618	3.27	2.93	.47	.98	.84	.29	.49	.67
535	-4.94	5.76	618	387.55	128.27	318.98	345.18	5.17	164.56	54.72	318.89
536	-6.32	5.89	618	3.12	2.52	.54	.87	.74	.23	.58	.62
537	-8.89	7.86	618	323.99	127.16	386.36	346.26	359.38	281.86	42.19	337.91
538	-9.85	7.26	618	3.25	2.28	.55	.82	.76	.16	.66	.48
539	-10.55	7.85	618	336.25	134.58	382.55	335.77	345.82	245.52	37.89	351.38
540	-11.99	8.84	618	3.58	1.91	.55	.88	.85	.12	.67	.44
541	-12.94	8.63	618	349.58	139.82	298.58	316.68	328.57	334.36	38.71	318.39
542	-1.48	4.34	612	4.26	1.65	.46	.79	.86	.88	.65	.85
543	-2.89	3.99	611	5.88	155.78	295.43	385.71	318.18	48.57	81.58	291.28
544	-3.81	4.87	611	4.31	1.69	.42	.83	.78	.18	.32	.51
545	-4.81	5.24	608	3.18	158.15	284.88	382.68	323.37	5.52	41.53	293.25
546	-5.81	5.64	611	2.91	2.41	.12	1.89	.77	.55	.45	.33
547	-6.81	6.07	611	286.38	114.38	26.98	333.61	6.51	152.79	57.33	254.22
548	-7.81	6.47	611	2.48	2.13	.86	1.85	.63	.65	.52	.34
549	-8.81	6.87	611	381.81	114.47	323.87	317.26	346.22	146.98	28.66	235.53
550	-9.81	7.26	618	2.38	1.89	.86	.99	.66	.86	.53	.34
551	-10.81	7.65	618	328.77	121.78	179.76	314.51	342.23	138.63	1.78	235.43
552	-11.81	8.04	618	2.69	1.77	.13	.94	.65	.55	.51	.39
553	-12.81	8.43	618	351.48	141.27	238.11	322.88	7.93	158.17	38.22	387.13
554	-13.81	8.82	618	3.86	1.63	.22	.83	.69	.53	.46	.27
555	-14.81	9.21	618	359.81	147.41	177.66	382.81	357.89	134.55	.41	38.88
556	-15.81	9.60	618	3.93	1.69	.36	.88	.64	.59	.48	.26
557	-16.81	10.00	618	14.78	162.25	182.79	383.35	23.86	147.88	13.32	288.88
558	-17.81	10.39	618	4.95	1.79	.46	.75	.69	.68	.69	.16
559	-18.81	10.78	618	28.56	166.22	168.18	286.92	23.53	123.93	.43	225.98
560	-19.81	11.17	618	5.65	1.72	.46	.48	.68	.45	.76	.89
561	-20.81	11.56	618	19.75	166.82	122.35	276.17	18.72	183.34	346.99	151.27
562	-21.81	11.95	618	6.92	.97	.95	.28	.63	.87	1.16	.17
563	-22.81	12.34	618	13.19	168.64	71.28	272.27	12.92	66.88	328.41	254.73
564	-23.81	12.73	618	2.35	1.69	.18	.79	.61	.34	.25	.18
565	-24.81	13.12	618	284.83	189.98	28.32	318.71	348.59	141.39	18.58	152.88
566	-25.81	13.51	618	1.95	1.41	.83	.81	.68	.39	.24	.14
567	-26.81	13.90	618	387.66	121.13	194.24	314.85	343.67	148.64	354.65	186.25
568	-27.81	14.29	618	1.96	1.29	.12	.76	.65	.36	.24	.89
569	-28.81	14.68	618	332.31	134.94	182.38	381.61	339.47	132.85	341.29	198.41
570	-29.81	15.07	618	2.29	1.23	.28	.74	.68	.36	.28	.82
571	-30.81	15.46	618	355.85	156.86	188.28	386.38	354.72	145.77	349.36	239.85
572	-31.81	15.85	618	3.89	1.36	.33	.74	.65	.42	.27	.83
573	-32.81	16.24	618	11.25	169.32	178.88	295.14	353.92	137.59	318.75	146.68
574	-33.81	16.63	618	4.12	1.68	.54	.73	.66	.47	.37	.11
575	-34.81	17.02	618	19.58	174.18	172.83	281.48	353.42	129.98	288.74	13.58
576	-35.81	17.41	618	5.27	1.92	.57	.63	.68	.48	.48	.17
577	-36.81	17.80	618	24.12	175.26	162.81	267.86	356.91	111.91	269.82	347.19
578	-37.81	18.19	618	7.31	1.13	.87	.19	.63	.82	.93	.51
579	-38.81	18.58	618	16.66	188.81	67.62	328.63	6.94	118.26	287.39	318.18

TABLE VIII.- Continued

(c) Concluded

PITCH LINK											
RUN NO		18									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
519	-3.78	18.49	618	4.28	2.19	1.81	2.63	1.68	.25	.61	.77
520	-1.88	9.46	618	158.49	319.46	286.97	127.52	289.35	234.97	72.55	274.51
521	-.86	18.48	618	4.84	1.78	.92	2.28	1.58	.48	.88	.61
522	1.93	12.15	611	171.15	322.31	284.51	138.79	213.81	355.18	97.98	296.64
523	4.44	14.53	618	4.44	1.58	.98	2.89	1.77	.87	.98	.49
524	6.85	17.87	689	184.19	312.13	187.86	115.51	289.53	17.16	98.52	284.12
525	8.84	19.38	618	5.63	1.44	.74	2.26	1.66	.76	.98	.39
526	-4.84	8.17	618	195.12	314.95	187.22	128.41	222.23	57.98	113.45	18.72
527	-2.54	9.78	618	7.65	1.71	.52	2.37	1.47	.55	.92	.97
528	-1.45	18.72	618	195.29	382.86	134.25	185.83	192.29	63.31	185.82	18.31
529	1.76	12.63	618	187.21	2.87	.88	2.55	1.48	.73	.97	1.74
530	4.44	15.72	618	195.92	381.89	97.38	187.47	161.78	111.51	116.76	7.25
531	8.88	21.68	689	11.33	2.36	1.87	2.56	1.77	.83	1.83	2.19
532	8.28	28.73	688	198.86	295.18	79.45	183.98	168.88	127.33	118.96	12.57
533	-1.96	6.84	618	3.18	1.99	.82	1.77	1.84	.13	.82	.57
534	-3.36	6.96	611	163.99	313.12	238.44	148.83	218.66	258.46	78.81	26.58
535	1.27	8.18	618	4.19	1.88	.64	1.65	1.31	.89	1.24	.82
536	3.22	18.13	618	179.47	315.98	286.23	151.18	211.88	129.78	96.31	9.22
537	4.83	11.71	618	5.63	2.86	.47	1.41	1.27	.48	1.83	.73
538	6.98	14.65	618	187.57	318.17	217.49	149.29	199.91	85.11	128.97	17.84
539	9.19	17.67	618	7.17	2.17	.17	1.49	1.26	.65	.66	1.15
540	18.46	19.62	618	192.81	322.12	195.78	141.31	186.28	122.51	138.81	9.91
541	12.62	25.81	618	9.38	2.62	.35	1.62	1.78	.67	.61	1.64
542	-4.46	4.65	612	193.64	316.83	98.21	124.83	159.76	135.22	138.87	353.44
543	.99	5.61	611	13.69	3.62	.67	1.93	2.28	.26	1.17	1.94
544	2.64	6.96	611	197.72	316.58	79.88	132.47	153.66	15.48	95.73	18.74
545	4.22	7.98	618	13.19	3.18	.94	1.98	2.28	.32	.97	1.87
546	6.11	11.12	688	198.31	312.18	58.87	118.89	154.88	148.92	98.81	15.14
547	8.19	12.86	611	2.39	1.32	1.85	1.68	1.52	.51	.57	.68
548	8.84	16.68	611	157.78	384.93	185.85	131.28	218.12	298.75	71.58	275.25
549	12.99	23.59	618	3.82	1.16	.97	1.68	1.54	.43	.39	.58
550				173.43	382.24	175.45	182.87	288.58	348.25	78.52	273.17
551				3.95	1.81	.81	1.74	2.82	.68	.54	.68
552				185.46	387.47	155.59	98.82	287.98	357.36	83.83	269.18
553				5.33	1.12	.87	1.95	1.73	.52	.88	.69
554				193.57	311.34	163.32	121.66	236.56	29.75	131.97	331.91
555				6.54	.88	.59	1.92	1.98	.69	.92	.71
556				282.82	338.41	121.51	182.98	216.43	11.51	89.59	279.44
557				8.67	1.84	.99	1.96	1.91	.79	.91	.84
558				288.19	323.83	84.99	116.59	234.85	31.83	118.37	314.82
559				11.58	1.58	1.68	1.86	1.88	.62	.88	1.24
560				286.97	382.51	64.92	188.91	222.78	51.19	135.72	384.23
561				13.24	1.84	2.12	1.76	1.98	.49	.98	1.85
562				285.67	286.61	54.88	181.59	286.54	85.18	135.38	285.87
563				16.83	2.68	2.98	1.78	1.93	1.12	1.39	.78
564				288.99	263.66	58.82	182.93	198.88	85.28	117.36	382.89
565				1.58	.72	1.15	1.19	1.38	.22	.48	.24
566				164.35	382.46	163.59	128.81	182.52	295.98	56.24	242.85
567				2.17	.55	.98	1.25	1.62	.52	.46	.34
568				185.62	322.67	168.73	185.82	187.75	341.15	68.89	242.78
569				3.17	.48	.87	1.49	1.64	.46	.44	.29
570				197.76	335.74	158.24	182.89	184.91	342.51	64.65	244.26
571				4.47	.43	.79	1.53	1.65	.48	.49	.24
572				287.32	12.42	141.19	111.84	195.82	7.53	85.53	264.35
573				6.86	.45	.93	1.56	1.68	.65	.66	.33
574				211.73	26.97	189.65	189.36	192.94	14.68	93.88	239.89
575				8.16	.48	1.34	1.55	1.63	.83	.71	.35
576				212.54	13.91	77.42	183.68	198.22	2.69	81.88	192.28
577				18.83	.45	2.17	1.63	1.95	.89	.71	.53
578				289.54	387.54	55.47	98.37	189.42	347.53	85.51	137.67
579				16.57	1.33	3.85	.91	1.39	.94	1.58	.92
580				282.24	226.47	53.87	185.58	173.88	41.48	185.68	87.47

TABLE VIII.- Continued

(d)  $\mu = 0.30$ ;  $M_T = 0.68$ 

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CQ/SIGMA
578	-0.8	3.8	8.1	.02684	-.00318	.00275
579	-1.1	4.7	10.0	.03896	-.00534	.00365
580	-1.6	5.9	12.2	.05236	-.00810	.00477
581	-1.9	6.6	14.0	.06684	-.01054	.00588
582	-2.9	7.9	16.1	.07834	-.01334	.00730
583	-3.7	8.7	18.1	.09135	-.01597	.00878
584	-0.6	3.6	6.2	.03136	-.00134	.00228
585	-1.2	4.6	8.2	.04443	-.00295	.00290
586	-1.3	5.5	10.0	.05770	-.00436	.00354
587	-2.2	6.8	12.3	.07272	-.00640	.00465
588	-2.9	7.6	14.0	.08388	-.00777	.00553
589	-3.7	8.9	16.1	.09583	-.00988	.00690
590	-3.9	9.3	17.1	.10219	-.01043	.00774
591	-0.4	3.4	4.3	.03688	.00108	.00157
592	-0.8	4.3	6.3	.05210	.00101	.00185
593	-1.8	5.3	8.1	.06299	.00037	.00239
594	-2.3	6.3	10.0	.07618	-.00015	.00299
595	-2.5	7.3	12.2	.08983	-.00031	.00377
596	-3.3	8.5	14.1	.10243	-.00132	.00497

TABLE VIII.- Continued

(d) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO		18									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
578	45.71	14.21	641	6.99	3.98	4.29	2.26	4.52	1.28	1.18	1.24 AMP
579	47.23	15.42	648	152.96	341.07	19.72	323.68	56.38	298.75	211.15	4.71 PHASE
580	49.18	15.89	648	7.10	4.31	4.42	2.52	4.58	1.45	1.16	1.88 AMP
581	51.18	17.09	641	150.69	348.78	21.28	327.46	59.56	305.12	216.57	18.43 PHASE
582	52.88	16.98	639	7.09	4.58	4.34	2.43	4.53	1.48	1.13	1.12 AMP
583	54.62	18.06	648	144.19	351.84	14.43	323.48	54.88	303.87	206.24	6.78 PHASE
584	44.83	18.13	639	6.75	4.89	4.17	2.58	4.64	1.34	1.17	1.28 AMP
585	46.58	17.82	648	137.17	357.41	8.26	314.82	59.18	301.96	199.35	352.16 PHASE
586	48.26	17.25	648	6.54	5.24	3.91	2.49	4.65	1.21	1.02	1.18 AMP
587	50.22	17.25	648	118.92	358.71	341.56	287.78	33.73	262.62	165.48	329.21 PHASE
588	51.69	17.37	648	6.59	5.92	3.46	2.54	4.76	1.28	1.14	1.48 AMP
589	53.38	17.36	648	100.88	355.93	327.43	277.13	48.76	251.17	155.77	305.12 PHASE
590	54.11	18.67	648	7.99	5.84	5.78	3.28	5.92	2.04	2.26	2.88 AMP
591	44.32	22.23	641	152.82	329.73	31.72	321.55	73.59	319.23	223.88	38.93 PHASE
592	45.93	28.99	648	7.65	4.83	5.58	3.32	5.99	2.88	2.83	2.13 AMP
593	47.41	19.78	639	148.34	332.63	27.67	313.78	72.31	312.82	222.85	37.78 PHASE
594	49.82	18.09	648	7.63	4.83	5.72	3.89	5.68	2.87	2.17	1.84 AMP
595	50.44	19.03	648	146.18	335.92	24.36	308.35	72.17	309.95	218.18	37.55 PHASE
596	51.79	28.95	639	7.05	4.93	4.99	2.89	5.57	1.87	2.18	2.84 AMP
				148.45	344.98	22.88	299.75	81.68	311.88	228.95	42.18 PHASE
				6.57	5.85	4.78	2.73	5.61	1.78	2.13	2.86 AMP
				138.22	347.64	11.19	287.73	73.48	296.11	287.86	38.76 PHASE
				6.38	5.47	5.58	3.59	5.94	1.46	2.87	2.26 AMP
				109.94	348.44	345.65	258.49	68.15	284.33	169.93	355.77 PHASE
				6.48	6.24	4.88	2.92	6.19	2.43	2.88	2.88 AMP
				95.18	353.53	336.46	251.64	69.34	254.48	164.83	359.41 PHASE
				9.83	6.41	7.18	4.49	5.91	2.78	3.88	2.89 AMP
				148.73	314.81	42.84	324.83	63.85	297.51	289.27	29.58 PHASE
				8.58	5.93	6.53	4.19	5.91	2.58	2.95	1.96 AMP
				150.68	321.58	47.24	332.62	73.52	387.11	232.52	57.63 PHASE
				8.36	5.59	6.58	3.59	5.79	2.52	2.61	1.33 AMP
				149.92	338.83	53.44	344.51	86.71	326.56	255.76	98.46 PHASE
				7.85	5.86	6.23	2.99	5.24	2.12	2.31	.91 AMP
				143.79	332.73	44.83	336.15	78.54	310.53	258.62	115.77 PHASE
				7.39	5.27	5.73	2.89	4.18	2.09	2.18	1.71 AMP
				132.81	335.33	38.87	319.96	65.52	288.52	231.17	151.84 PHASE
				7.88	5.54	4.91	2.88	2.98	1.77	2.45	2.65 AMP
				128.96	353.86	29.44	318.11	87.89	288.81	246.71	182.29 PHASE

CHORDWISE 25 PERCENT RADIUS											
RUN NO		18									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
578	62.48	25.16	641	18.41	5.57	6.28	4.87	2.79	3.68	1.81	.74 AMP
579	63.25	35.21	648	299.73	134.14	242.26	26.35	326.34	345.16	38.85	96.96 PHASE
580	64.84	54.53	648	19.82	7.93	9.95	6.18	3.75	1.95	1.84	.69 AMP
581	64.29	78.94	641	328.34	149.48	235.96	36.58	352.28	73.85	65.33	122.21 PHASE
582	64.25	95.18	639	38.64	9.35	14.69	7.75	2.49	2.56	1.13	.74 AMP
583	64.18	115.88	648	339.98	156.26	232.56	37.82	336.32	287.35	68.91	131.46 PHASE
584	68.15	38.99	639	45.93	18.88	19.84	9.82	2.35	5.55	.88	.74 AMP
585	68.88	39.37	648	349.37	162.84	235.13	36.16	388.65	248.79	59.48	143.86 PHASE
586	68.41	55.98	648	68.81	18.66	25.89	9.22	3.51	6.26	1.29	.76 AMP
587	59.88	72.34	648	345.43	167.25	228.55	13.78	235.58	234.28	19.89	124.78 PHASE
588	58.96	86.25	648	79.83	18.54	28.97	9.98	4.92	5.86	2.19	.82 AMP
589	58.48	102.94	648	349.79	186.16	224.81	8.25	227.16	268.42	21.51	126.55 PHASE
590	58.56	117.51	648	13.87	8.43	8.35	3.56	2.35	2.64	2.56	1.81 AMP
591	59.85	36.66	641	298.15	121.44	253.56	32.43	2.84	333.33	43.28	181.58 PHASE
592	57.58	48.35	648	21.83	11.82	18.61	5.32	3.64	.77	2.76	1.83 AMP
593	56.38	56.38	639	311.83	133.71	248.75	18.87	341.39	15.84	46.89	131.83 PHASE
594	55.81	69.81	648	32.19	13.61	14.77	7.29	3.86	3.91	1.49	.98 AMP
595	52.92	79.49	648	327.29	138.65	237.51	29.24	348.38	186.86	56.69	126.85 PHASE
596	52.87	101.36	639	45.26	14.12	19.93	7.86	4.14	6.56	.49	.99 AMP
				336.49	149.35	242.84	35.55	331.68	242.21	52.96	143.31 PHASE
				55.71	13.71	23.65	8.25	5.48	7.54	.84	.84 AMP
				339.77	152.22	239.97	38.91	321.38	255.81	383.89	161.54 PHASE
				72.77	11.69	27.68	8.97	6.62	6.88	1.83	.65 AMP
				348.82	154.42	238.63	7.89	294.36	252.95	259.96	162.29 PHASE
				85.15	11.91	38.51	8.42	8.15	8.17	1.55	.38 AMP
				347.17	161.29	233.81	359.51	284.55	287.53	387.65	177.97 PHASE
				18.48	9.41	8.66	2.44	4.21	2.47	2.56	1.81 AMP
				281.22	127.88	256.47	58.71	284.75	288.75	35.98	93.82 PHASE
				25.85	13.51	11.28	4.14	5.58	3.16	2.61	1.86 AMP
				385.52	148.63	253.78	31.88	298.85	382.93	39.46	117.56 PHASE
				32.28	15.16	13.58	5.27	6.54	2.27	2.62	.15 AMP
				317.41	153.92	268.89	53.83	318.99	321.11	78.13	131.19 PHASE
				43.38	15.87	17.14	6.61	6.23	4.66	2.18	.58 AMP
				327.56	151.14	253.93	51.28	384.32	389.86	31.61	199.63 PHASE
				57.14	15.37	21.46	7.51	6.18	6.16	3.27	.98 AMP
				333.85	149.88	249.47	35.43	383.72	384.19	319.29	257.53 PHASE
				72.89	15.81	25.21	8.14	5.37	8.48	6.87	.85 AMP
				347.73	168.23	261.62	37.31	329.21	348.38	344.49	354.82 PHASE

TABLE VIII.- Continued

(d) Continued

TORSION 28 PERCENT RADIUS											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
578	-1.86	6.81	641	2.76 317.68	1.27 102.86	.46 331.72	1.24 284.89	1.19 358.76	.65 132.24	.54 287.51	.18 78.43
579	-2.72	6.32	648	2.96 338.11	1.07 114.45	.41 388.58	1.44 284.84	1.16 9.22	.54 151.82	.49 295.87	.89 71.66
580	-4.96	6.61	648	3.65 354.92	.84 121.49	.57 283.17	1.53 282.71	1.15 13.81	.52 153.46	.65 281.61	.15 32.66
581	-7.34	8.11	641	4.82 7.71	.83 126.15	.85 273.54	1.62 283.71	1.18 23.76	.72 162.61	.97 266.32	.24 355.93
582	-9.51	9.25	639	5.98 9.39	.76 123.21	1.18 248.62	1.57 268.88	1.05 1.84	.85 139.55	1.09 234.72	.25 325.89
583	-11.98	12.53	648	7.97 14.78	1.07 116.36	1.77 244.89	1.58 264.48	1.24 11.88	.98 148.74	1.32 248.42	.44 318.19
584	.26	7.36	639	3.29 316.94	2.89 118.38	.38 355.37	1.78 291.71	1.35 3.58	.62 138.66	.75 389.67	.32 91.97
585	-1.82	7.97	648	3.52 334.54	1.78 111.47	.25 319.58	1.78 286.44	1.55 16.28	.77 145.78	.86 385.49	.28 99.79
586	-4.88	8.48	648	4.21 349.31	1.54 113.42	.33 279.17	1.95 282.97	1.51 38.33	.58 156.87	.92 291.58	.19 45.95
587	-6.65	9.28	648	5.43 2.87	1.43 118.63	.72 266.78	1.91 286.92	1.54 48.79	.74 162.65	1.14 288.89	.26 59.48
588	-8.81	11.36	648	6.81 8.74	1.61 118.89	1.28 259.53	1.86 284.38	1.53 44.76	.72 158.87	1.28 277.68	.38 69.94
589	-11.43	14.14	648	9.86 18.48	2.15 189.79	1.81 245.17	1.78 278.26	1.62 19.95	.31 128.39	1.15 266.81	.51 39.95
590	-13.41	17.36	648	11.59 11.32	2.98 188.92	2.24 243.86	1.78 274.81	1.74 18.76	.36 281.93	1.58 274.28	.43 5.87
591	1.16	8.78	641	4.82 328.85	2.59 118.45	.37 25.69	2.45 294.66	1.38 356.46	.42 128.37	.82 288.28	.16 57.63
592	-1.28	8.83	648	4.33 338.46	2.25 121.31	.38 358.38	2.18 383.88	1.44 14.56	.65 182.33	1.26 312.86	.21 65.52
593	-3.21	9.37	639	4.91 351.86	2.11 123.85	.35 333.42	2.15 312.37	1.27 31.82	.55 214.31	1.35 336.65	.27 34.81
594	-5.79	18.40	648	6.13 .79	2.21 123.92	.53 292.17	2.15 303.22	1.11 18.73	.30 213.83	1.39 328.47	.14 258.44
595	-8.85	13.32	648	3.47 3.25	2.65 115.28	1.09 273.88	2.55 292.38	1.34 351.83	.32 351.75	1.34 313.96	.51 229.64
596	-12.27	16.77	639	11.51 13.28	3.38 122.68	1.83 283.77	2.72 299.72	1.56 347.36	.93 17.86	1.48 335.48	.95 256.71



TABLE VIII.- Continued

(d) Continued

FLAPWISE 37 PERCENT RADIUS											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
578	29.18	15.00	641	18.46	5.34	5.35	1.62	2.30	.46	.17	.41 AMP
579	30.46	16.49	640	142.30	337.00	25.10	313.13	57.53	279.23	180.91	174.29 PHASE
580	32.21	17.72	640	11.43	5.98	6.05	1.63	2.18	.50	.19	.37 AMP
581	34.04	18.97	641	144.11	340.88	29.11	316.83	57.20	284.51	219.95	187.72 PHASE
582	35.81	19.53	639	12.20	6.17	6.30	1.57	2.27	.40	.18	.39 AMP
583	37.54	20.27	640	143.81	342.25	24.94	313.34	50.68	281.61	240.49	173.15 PHASE
584	27.16	19.93	639	13.03	6.57	6.60	1.60	2.44	.43	.26	.51 AMP
585	28.87	20.42	640	144.01	344.86	23.71	304.50	53.80	266.67	242.55	162.00 PHASE
586	30.38	20.93	640	13.66	6.90	6.62	1.60	2.55	.45	.24	.46 AMP
587	32.35	20.70	640	138.25	337.40	5.67	281.81	28.60	211.40	221.70	115.65 PHASE
588	33.71	20.47	640	14.09	7.17	6.81	1.50	2.60	.54	.24	.53 AMP
589	35.34	20.52	640	137.28	341.06	3.66	274.40	34.04	204.75	247.71	112.54 PHASE
590	36.15	20.58	640	11.99	7.03	7.15	2.26	3.04	.53	.29	.74 AMP
591	25.63	24.60	641	140.40	323.81	33.94	313.13	77.07	285.31	173.47	205.40 PHASE
592	27.28	24.54	640	12.49	6.87	7.35	2.21	2.92	.56	.30	.67 AMP
593	28.73	24.48	639	140.51	323.83	30.66	306.93	78.44	283.15	174.90	203.19 PHASE
594	30.30	23.30	640	13.34	6.97	7.00	2.00	2.71	.56	.29	.57 AMP
595	31.69	22.93	640	141.15	324.49	28.22	301.16	75.00	282.04	184.60	203.07 PHASE
596	33.14	22.20	639	13.91	6.84	7.50	1.73	2.72	.51	.30	.55 AMP
				141.72	330.99	30.18	295.00	84.61	274.31	215.95	210.06 PHASE
				14.26	6.63	7.44	1.60	2.66	.58	.37	.58 AMP
				138.96	330.25	23.96	277.57	77.11	241.44	212.17	195.92 PHASE
				14.50	6.50	6.93	1.54	2.81	.63	.42	.72 AMP
				132.00	327.36	8.30	246.18	62.12	200.09	192.83	166.38 PHASE
				14.40	6.91	6.59	1.71	2.96	.70	.33	.71 AMP
				131.60	330.86	7.25	236.13	72.10	103.96	195.75	172.05 PHASE
				13.63	8.84	8.11	2.99	3.26	.53	.28	.75 AMP
				139.21	313.42	40.69	318.52	71.92	302.04	143.75	211.11 PHASE
				14.17	8.46	7.95	2.65	3.00	.40	.31	.60 AMP
				142.77	317.74	45.54	329.09	85.31	314.10	153.76	231.05 PHASE
				14.55	8.03	8.22	2.29	3.02	.43	.29	.40 AMP
				145.00	325.73	51.57	340.50	96.42	335.97	190.36	261.69 PHASE
				14.82	7.41	9.31	1.83	2.78	.28	.32	.23 AMP
				143.27	323.64	44.00	331.34	87.50	313.13	211.38	267.00 PHASE
				15.43	7.57	8.21	1.66	2.15	.27	.30	.40 AMP
				143.21	321.60	33.56	315.04	73.53	250.49	220.50	323.40 PHASE
				15.65	7.80	7.74	1.50	1.67	.48	.41	.66 AMP
				141.59	333.32	39.56	311.80	91.21	227.47	246.51	350.58 PHASE

CHORDWISE 37 PERCENT RADIUS											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
578	29.90	25.76	641	9.58	4.67	4.21	5.60	2.81	6.02	3.57	1.48 AMP
579	30.06	30.11	640	297.39	135.27	262.43	25.92	336.13	334.90	34.95	113.14 PHASE
580	30.01	49.00	640	15.94	6.56	6.76	8.19	4.51	2.70	3.02	1.64 AMP
581	29.26	71.42	641	321.35	147.55	253.33	36.62	354.23	47.59	62.51	104.63 PHASE
582	28.33	03.65	639	24.52	7.74	10.53	10.42	3.45	4.19	1.13	2.17 AMP
583	26.71	90.93	640	332.55	153.65	247.63	35.99	340.67	210.23	75.40	112.39 PHASE
584	20.73	30.34	639	35.73	8.10	14.74	12.16	3.20	9.65	.57	2.45 AMP
585	28.67	37.59	640	341.70	159.84	249.49	34.32	320.34	247.20	261.10	123.09 PHASE
586	27.58	52.20	640	46.63	8.77	19.24	13.25	3.34	10.07	.59	2.50 AMP
587	25.71	66.94	640	330.33	162.90	233.62	11.46	255.30	229.05	311.67	92.17 PHASE
588	23.00	78.71	640	61.02	8.90	23.30	14.67	4.36	10.00	2.18	2.55 AMP
589	21.93	92.70	640	343.07	179.15	237.49	6.40	235.45	257.61	344.22	93.74 PHASE
590	21.10	101.72	640	13.20	7.10	5.83	5.62	2.47	5.25	5.00	1.60 AMP
591	20.00	34.94	641	207.30	117.96	270.21	20.90	20.14	322.05	36.69	143.59 PHASE
592	26.24	4.35	640	19.22	9.30	7.70	7.94	3.22	2.53	5.10	1.13 AMP
593	24.70	54.30	639	304.00	129.72	240.54	21.06	349.14	343.14	42.46	157.20 PHASE
594	22.33	64.29	640	27.00	11.73	11.20	10.44	3.95	5.50	2.70	1.62 AMP
595	19.04	72.92	640	320.00	134.00	255.97	29.63	341.16	193.29	51.47	113.05 PHASE
596	16.42	84.76	639	37.24	12.63	15.97	11.63	4.54	10.62	.26	2.09 AMP
				330.00	146.00	259.61	36.36	330.33	243.05	104.72	131.55 PHASE
				46.41	12.90	19.60	12.33	6.56	12.45	1.67	1.70 AMP
				333.03	149.10	257.40	31.62	320.55	254.06	241.10	134.45 PHASE
				59.06	12.06	23.91	13.39	8.00	11.30	4.12	1.76 AMP
				334.52	149.70	246.00	0.15	294.30	240.79	232.65	120.15 PHASE
				67.73	13.77	27.51	12.09	10.11	12.00	4.55	1.50 AMP
				341.05	156.06	247.39	359.02	204.00	201.73	269.34	150.47 PHASE
				17.09	8.71	6.67	4.77	4.40	4.12	5.66	1.41 AMP
				200.59	120.57	271.36	39.69	204.90	219.59	25.96	114.79 PHASE
				23.06	12.24	0.94	7.26	7.01	6.52	5.76	.70 AMP
				302.21	136.00	270.69	35.42	203.36	309.07	42.07	105.06 PHASE
				25.34	14.10	11.03	8.90	7.11	4.64	5.91	1.31 AMP
				313.79	146.36	279.62	55.05	306.03	332.04	75.01	52.63 PHASE
				37.22	15.30	14.25	10.72	7.29	7.04	3.51	1.10 AMP
				323.56	147.17	274.00	53.75	303.00	317.20	55.56	51.01 PHASE
				49.21	16.33	10.45	11.96	0.48	9.73	4.23	2.41 AMP
				332.31	145.69	269.41	39.32	310.30	310.55	313.29	337.60 PHASE
				60.45	17.11	22.51	12.65	0.83	12.97	9.39	4.19 AMP
				343.40	150.40	200.37	41.52	340.00	352.20	330.44	0.19 PHASE

TABLE VIII.- Continued

(d) Continued

TORSION 36 PERCENT RADIUS											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
578	-1.48	5.72	641	2.98	1.38	.29	1.89	1.85	.68	.42	.14 AMP
				315.83	89.14	386.14	251.76	312.88	88.51	241.16	38.19 PHASE
579	-3.29	6.85	648	3.19	1.19	.26	1.28	1.84	.49	.48	.88 AMP
				333.88	99.51	268.89	253.78	329.82	187.89	255.57	22.68 PHASE
580	-5.48	6.24	648	3.92	.94	.39	1.32	1.81	.48	.52	.18 AMP
				348.77	187.49	246.98	258.81	331.99	188.48	236.52	341.41 PHASE
581	-7.77	7.78	641	4.99	.88	.68	1.44	.99	.64	.75	.18 AMP
				6.67	114.23	235.15	251.62	342.88	115.96	219.41	386.38 PHASE
582	-9.91	8.83	639	6.86	.83	.98	1.48	.97	.76	.85	.28 AMP
				2.13	189.51	211.28	228.85	328.88	91.81	186.15	277.38 PHASE
583	-12.22	11.57	648	7.84	1.14	1.39	1.35	1.14	.98	1.85	.34 AMP
				7.54	185.56	289.63	233.82	332.35	97.98	192.18	268.21 PHASE
584	-1.36	6.94	639	3.34	2.19	.26	1.55	1.28	.57	.61	.21 AMP
				311.46	95.99	328.22	261.68	322.79	94.22	267.39	43.99 PHASE
585	-2.37	7.27	648	3.61	1.81	.15	1.47	1.33	.69	.69	.21 AMP
				328.24	97.91	278.67	256.56	334.28	98.93	262.78	52.48 PHASE
586	-4.49	7.69	648	4.31	1.64	.26	1.66	1.27	.54	.75	.11 AMP
				342.48	99.75	232.82	253.31	347.36	188.98	249.42	346.59 PHASE
587	-7.86	8.88	648	5.58	1.55	.63	1.64	1.28	.78	.89	.16 AMP
				355.75	185.65	227.59	257.22	5.81	113.43	243.83	.94 PHASE
588	-9.17	18.56	648	6.82	1.75	1.84	1.63	1.38	.72	.95	.22 AMP
				1.43	184.29	222.23	253.82	2.24	188.47	231.76	21.54 PHASE
589	-11.69	13.83	648	8.88	2.25	1.53	1.54	1.45	.46	.93	.39 AMP
				3.81	95.77	288.25	239.55	338.73	69.82	217.51	349.98 PHASE
590	-13.54	15.73	648	11.14	2.95	1.77	1.56	1.59	.87	1.24	.29 AMP
				3.68	86.93	286.49	241.55	329.51	253.85	226.85	328.58 PHASE
591	.57	8.49	641	4.84	2.78	.23	2.86	1.26	.43	.67	.11 AMP
				312.77	183.58	358.83	264.83	316.42	81.68	258.18	341.85 PHASE
592	-1.68	8.39	648	4.28	2.31	.24	1.78	1.38	.58	1.83	.15 AMP
				338.17	186.96	311.98	273.34	333.98	131.94	269.28	356.82 PHASE
593	-3.64	8.64	639	4.81	2.11	.19	1.86	1.18	.49	1.14	.25 AMP
				343.16	114.51	298.89	281.41	358.84	161.82	292.55	338.17 PHASE
594	-6.18	9.57	648	5.88	2.11	.48	1.89	1.86	.31	1.14	.13 AMP
				351.78	188.27	245.73	272.81	338.13	151.21	281.86	261.25 PHASE
595	-8.95	11.33	648	7.86	2.43	.86	2.38	1.24	.18	1.89	.33 AMP
				356.26	93.32	231.69	261.12	314.43	323.34	274.98	183.22 PHASE
596	-12.13	14.78	639	18.57	2.96	1.39	2.56	1.73	.72	1.16	.71 AMP
				4.82	183.39	244.44	269.28	312.96	333.21	292.56	285.81 PHASE

TABLE VIII.- Continued

(d) Continued

FLAPWISE 51 PERCENT RADIUS												
RUN NO 18												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
578	13.83	23.83	641	15.36	7.89	6.44	1.22	1.65	.54	1.05	1.09	AMP
579	15.31	24.65	648	135.33	321.69	28.18	382.88	236.42	188.17	15.39	186.78	PHASE
580	17.32	25.47	648	18.68	8.62	7.48	1.19	1.74	.65	1.08	1.08	AMP
581	19.33	27.26	641	138.22	326.59	23.21	381.92	244.14	113.62	21.66	199.48	PHASE
582	21.46	28.35	639	17.61	8.78	8.16	1.12	1.71	.66	1.08	1.08	AMP
583	23.58	29.22	648	138.94	325.59	28.84	296.78	243.61	189.98	14.48	187.51	PHASE
584	18.94	29.43	639	18.78	9.12	8.96	1.11	1.69	.66	1.12	1.05	AMP
585	12.87	29.76	648	148.81	325.88	28.41	293.66	249.33	188.17	6.47	171.56	PHASE
586	14.69	30.52	648	19.71	9.28	9.38	.99	1.63	.68	.95	.96	AMP
587	17.83	30.64	648	136.18	316.36	3.31	271.82	226.18	76.83	327.98	128.77	PHASE
588	18.72	31.24	648	28.57	9.15	9.19	.84	1.63	.65	1.05	1.21	AMP
589	20.72	31.24	648	136.79	316.69	3.16	266.25	234.58	67.34	326.23	118.57	PHASE
590	21.66	32.39	648	17.37	11.22	8.32	1.83	2.87	1.83	1.91	1.96	AMP
591	8.41	35.21	641	133.57	315.53	38.94	316.86	241.49	111.94	31.37	218.82	PHASE
592	18.38	34.94	648	18.11	10.88	8.76	1.84	2.12	1.88	1.68	1.92	AMP
593	12.18	34.83	639	134.53	314.22	26.62	312.31	248.96	188.97	38.75	217.86	PHASE
594	14.09	32.53	648	19.22	10.91	9.63	1.88	2.88	1.16	1.82	1.62	AMP
595	15.98	32.81	648	135.66	312.89	23.64	318.84	243.17	181.93	26.68	215.58	PHASE
596	17.77	32.83	639	28.21	10.58	9.67	1.69	1.96	1.83	1.79	1.79	AMP
				137.82	315.10	25.32	315.76	254.38	188.26	29.42	217.76	PHASE
				28.92	18.38	9.88	1.68	1.84	1.77	1.77	1.77	AMP
				136.48	311.88	19.86	387.14	247.13	95.68	16.45	289.25	PHASE
				21.55	9.93	9.47	1.55	1.82	.87	1.78	1.89	AMP
				132.81	383.72	4.43	284.42	235.67	71.74	348.73	176.71	PHASE
				21.74	18.21	9.11	1.51	1.88	.84	1.96	1.78	AMP
				132.33	385.48	4.23	283.83	248.82	65.12	342.46	179.15	PHASE
				18.97	13.95	8.76	1.58	2.29	1.88	2.79	1.88	AMP
				133.42	318.85	36.69	327.49	232.72	98.42	28.63	285.98	PHASE
				19.81	13.12	9.87	1.64	1.87	2.85	1.71	1.71	AMP
				137.39	314.24	48.74	339.22	245.39	186.53	45.42	238.36	PHASE
				28.42	12.46	9.19	1.62	2.88	1.85	2.61	1.18	AMP
				141.12	319.97	45.55	348.21	268.20	125.94	71.17	268.73	PHASE
				21.85	11.38	9.52	1.55	1.78	1.73	2.39	.79	AMP
				140.21	314.34	37.71	341.22	251.84	113.88	67.18	387.92	PHASE
				22.28	11.36	9.78	1.42	1.32	1.87	2.31	1.75	AMP
				137.91	318.62	27.93	348.96	234.59	89.79	58.94	335.27	PHASE
				23.89	11.32	9.31	1.22	.94	1.78	2.68	2.66	AMP
				148.73	318.98	35.41	3.18	243.89	97.28	78.15	6.68	PHASE

CHORDWISE 51 PERCENT RADIUS												
RUN NO 18												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
578	5.13	26.89	641	18.68	4.77	3.57	6.12	2.62	7.98	4.18	1.73	AMP
579	5.84	32.39	648	381.88	141.57	275.57	31.23	331.39	335.56	39.44	116.87	PHASE
580	4.72	43.85	648	15.65	6.25	5.35	8.71	4.18	2.95	3.48	2.86	AMP
581	3.89	63.59	641	317.37	158.17	267.93	48.33	351.88	39.98	68.73	99.16	PHASE
582	2.86	72.12	639	22.26	7.17	8.38	11.84	3.32	4.76	1.89	2.88	AMP
583	1.87	84.12	648	325.98	153.53	261.88	38.67	336.86	226.51	94.85	118.62	PHASE
584	6.16	38.87	639	38.69	7.48	11.75	12.98	3.24	11.11	1.29	3.24	AMP
585	5.75	37.63	648	333.97	156.52	262.13	36.78	319.88	251.15	252.54	123.27	PHASE
586	5.87	51.64	648	39.11	7.57	15.44	14.46	3.19	12.48	.81	3.38	AMP
587	3.39	62.66	648	338.81	156.82	245.46	13.58	255.95	231.73	265.35	89.93	PHASE
588	1.68	71.38	648	49.91	7.24	19.23	16.19	4.83	11.62	2.28	3.22	AMP
589	-1.78	84.46	648	335.29	168.32	248.84	8.28	235.62	259.83	331.38	89.37	PHASE
590	-7.77	78.96	648	13.94	7.19	5.11	6.11	1.98	6.25	5.92	1.66	AMP
591	7.37	37.48	641	292.89	125.15	283.84	39.86	15.42	322.75	41.68	152.91	PHASE
592	6.19	43.21	648	18.82	8.84	6.43	8.38	2.71	3.23	6.88	1.81	AMP
593	4.81	49.11	639	383.35	132.24	273.41	28.82	348.82	348.92	45.84	178.58	PHASE
594	2.58	57.42	648	24.88	18.56	9.18	11.83	3.61	6.15	3.25	2.88	AMP
595	-1.81	69.18	648	314.65	134.73	269.75	34.59	333.31	199.79	55.48	186.96	PHASE
596	-3.94	77.94	639	32.91	11.25	13.81	12.36	4.41	12.85	.35	2.83	AMP
				323.48	142.51	271.48	48.83	325.88	246.77	119.33	138.44	PHASE
				48.17	11.48	16.39	13.25	6.36	14.28	2.88	2.44	AMP
				326.74	143.49	268.54	33.78	318.19	258.87	245.65	131.88	PHASE
				58.11	18.96	28.48	14.68	7.93	12.92	5.28	2.45	AMP
				327.52	148.19	255.83	8.98	294.37	251.43	236.93	116.98	PHASE
				55.79	13.52	24.23	14.48	18.89	14.62	5.78	2.42	AMP
				334.84	145.38	254.86	359.56	283.87	283.63	272.58	152.65	PHASE
				17.12	8.85	5.65	5.48	4.58	4.93	6.61	1.38	AMP
				284.85	124.82	281.51	49.54	283.47	227.81	29.53	188.84	PHASE
				22.22	11.59	7.21	7.66	6.86	7.81	6.96	1.91	AMP
				307.99	137.28	283.11	43.58	281.91	311.26	46.72	95.98	PHASE
				23.38	12.77	3.83	9.53	6.69	5.73	7.25	1.98	AMP
				310.91	145.44	291.56	61.89	385.86	333.83	82.81	68.31	PHASE
				33.52	13.71	11.55	11.68	6.97	9.34	4.42	1.83	AMP
				313.71	143.53	285.19	56.82	384.29	319.78	73.38	63.98	PHASE
				43.51	14.62	15.57	13.12	8.58	11.43	3.88	3.21	AMP
				323.88	137.57	273.35	48.81	314.93	314.71	316.22	351.41	PHASE
				52.58	15.81	13.62	14.48	9.29	14.84	9.58	5.48	AMP
				335.66	153.51	287.94	41.32	348.41	356.39	342.87	11.88	PHASE

TABLE VIII.- Continued

(d) Continued

TORSION 5% PERCENT RADIUS											
RUN NO		18									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
578	-1.14	5.82	641	2.47	1.68	.27	1.86	1.85	.61	.44	.23 AMP
				323.48	188.53	332.33	284.39	345.29	122.88	291.73	183.36 PHASE
579	-1.95	5.83	648	2.88	1.36	.18	1.15	1.86	.53	.44	.11 AMP
				344.98	114.14	296.48	283.87	359.62	143.11	382.78	127.97 PHASE
580	-4.88	6.14	648	3.52	1.18	.26	1.17	1.88	.52	.52	.88 AMP
				.43	125.88	252.24	288.68	1.23	148.78	284.66	62.32 PHASE
581	-6.35	7.76	641	4.64	1.83	.47	1.27	1.12	.72	.79	.28 AMP
				12.18	135.38	235.22	279.71	18.83	147.33	264.24	5.81 PHASE
582	-8.41	8.59	639	5.75	1.82	.74	1.26	1.14	.85	.93	.27 AMP
				13.12	133.86	211.11	257.43	349.58	122.29	238.38	328.81 PHASE
583	-18.56	11.29	648	7.37	1.19	.84	1.17	1.38	1.81	1.15	.41 AMP
				18.48	136.98	213.33	258.79	358.92	126.43	234.31	323.83 PHASE
584	.83	7.89	639	2.96	2.46	.36	1.45	1.23	.64	.64	.28 AMP
				318.48	189.18	349.83	291.55	355.93	133.42	323.63	126.37 PHASE
585	-1.13	7.35	648	3.28	2.81	.19	1.38	1.34	.79	.72	.29 AMP
				336.92	113.52	324.47	286.47	4.59	136.72	313.21	131.77 PHASE
586	-3.17	7.67	648	3.83	1.79	.16	1.45	1.38	.67	.73	.84 AMP
				352.89	118.57	274.95	281.94	15.84	144.25	381.16	136.43 PHASE
587	-5.58	8.51	648	4.85	1.55	.38	1.48	1.38	.85	.88	.18 AMP
				5.88	125.61	243.62	283.81	32.51	147.71	292.98	67.15 PHASE
588	-7.47	9.62	648	5.94	1.54	.66	1.46	1.49	.94	.93	.21 AMP
				11.17	122.84	224.85	276.71	27.25	133.68	288.52	92.78 PHASE
589	-9.72	11.96	648	7.72	1.84	.86	1.52	1.79	.78	1.81	.48 AMP
				11.84	188.69	199.92	258.43	4.31	182.71	278.25	58.82 PHASE
590	-11.36	14.26	648	9.66	2.35	1.28	1.64	1.95	.23	1.41	.41 AMP
				11.77	95.88	191.39	266.73	358.49	188.18	282.33	43.44 PHASE
591	1.71	8.75	641	3.58	2.89	.34	1.96	1.33	.53	.74	.88 AMP
				318.48	116.17	357.69	293.44	358.93	117.93	387.48	133.35 PHASE
592	-1.47	8.34	648	3.73	2.48	.38	1.64	1.36	.63	1.89	.86 AMP
				336.87	122.87	348.42	384.66	7.38	163.23	318.98	51.54 PHASE
593	-2.31	8.55	639	4.12	2.13	.31	1.67	1.24	.54	1.16	.24 AMP
				358.74	131.38	352.65	311.86	22.26	192.89	348.44	18.58 PHASE
594	-4.52	8.78	648	4.98	1.86	.18	1.68	1.19	.34	1.19	.12 AMP
				359.69	125.87	387.65	299.75	18.96	179.81	331.86	329.58 PHASE
595	-7.88	18.33	648	6.68	1.93	.58	2.22	1.42	.16	1.17	.32 AMP
				3.86	112.59	238.47	285.77	358.85	14.85	323.47	248.45 PHASE
596	-9.88	13.45	639	8.85	2.31	1.81	2.69	1.74	.79	1.22	.74 AMP
				9.96	187.18	233.87	294.63	353.39	1.53	349.68	261.23 PHASE

TABLE VIII.- Continued

(d) Continued

FLAPWISE 77 PERCENT RADIUS											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
578	-1.86	27.88	641	19.86	9.81	3.87	3.45	4.33	.15	1.15	1.58 AMP
				133.79	322.85	329.59	136.88	234.83	122.87	185.68	7.78 PHASE
579	1.45	38.86	648	28.89	9.73	4.68	3.58	4.28	.22	1.88	1.25 AMP
				138.64	327.86	348.19	141.82	234.13	123.88	187.93	28.82 PHASE
580	4.77	31.77	648	28.98	10.88	5.14	3.34	4.19	.89	1.14	1.33 AMP
				141.36	327.48	342.79	135.89	229.85	127.15	181.81	7.25 PHASE
581	8.15	34.22	641	22.87	10.84	5.61	3.28	4.42	.18	1.38	1.44 AMP
				145.17	327.22	346.12	127.69	233.23	11.83	172.26	348.93 PHASE
582	11.47	35.58	639	23.87	11.25	5.97	2.89	4.78	.45	1.88	1.38 AMP
				142.46	316.91	333.23	188.81	287.54	352.22	129.45	384.76 PHASE
583	14.72	37.58	648	24.43	11.92	5.73	2.72	4.91	.54	1.27	1.55 AMP
				145.42	317.26	315.38	91.84	215.16	353.88	138.44	294.45 PHASE
584	-3.92	33.56	639	21.33	11.84	4.57	5.25	5.46	.74	2.25	2.83 AMP
				132.11	317.88	339.27	142.37	252.73	257.44	283.31	48.81 PHASE
585	-9.91	35.51	648	21.86	11.72	4.96	4.95	5.46	.65	1.88	2.77 AMP
				135.13	318.38	337.75	135.23	254.41	252.42	199.78	37.68 PHASE
586	2.14	36.66	648	22.71	11.98	5.57	4.52	5.86	.65	2.11	2.33 AMP
				138.13	317.67	339.58	132.45	255.49	255.88	192.81	37.18 PHASE
587	5.86	36.98	648	23.69	12.18	5.36	3.66	5.16	.46	2.85	2.47 AMP
				142.74	328.32	344.18	129.78	265.65	298.59	192.34	39.46 PHASE
588	8.67	38.32	648	24.61	12.34	5.28	2.94	5.28	.54	1.93	2.44 AMP
				143.41	316.72	339.49	115.33	258.57	328.26	176.64	32.25 PHASE
589	11.96	39.63	648	25.91	12.64	5.84	2.32	5.93	.86	1.69	2.68 AMP
				141.56	389.51	323.98	83.89	242.91	318.27	138.72	358.88 PHASE
590	13.48	41.82	648	26.72	13.44	4.76	2.37	6.39	.97	1.98	2.38 AMP
				143.41	311.61	328.32	68.12	251.97	317.38	148.66	4.51 PHASE
591	-6.48	37.13	541	23.83	13.72	4.42	6.91	4.79	1.61	3.87	2.34 AMP
				131.23	311.69	343.88	144.63	243.35	283.38	282.88	36.76 PHASE
592	-3.28	36.58	648	23.58	13.89	4.33	5.96	5.17	1.39	3.91	2.18 AMP
				137.37	315.98	353.11	155.49	255.57	283.24	225.25	72.88 PHASE
593	-3.35	36.52	629	24.84	13.69	4.38	5.38	5.19	1.27	3.58	1.35 AMP
				142.67	322.69	1.68	166.16	267.71	295.22	248.65	112.71 PHASE
594	3.81	37.39	640	24.68	11.97	4.58	4.18	4.84	1.36	3.13	1.62 AMP
				143.47	313.78	359.16	155.92	262.58	298.82	241.24	149.85 PHASE
595	6.44	48.23	648	25.44	11.94	4.82	3.77	4.85	1.61	2.82	3.22 AMP
				143.58	315.88	351.23	141.89	253.88	286.46	226.76	153.46 PHASE
596	9.74	41.86	639	27.86	11.88	3.29	3.21	3.38	1.54	2.87	4.73 AMP
				148.45	324.17	357.78	148.83	283.62	321.96	242.61	181.81 PHASE

CHORDWISE 77 PERCENT RADIUS											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
578	-18.75	15.69	641	3.93	2.48	2.78	2.43	2.29	3.54	1.66	.88 AMP
				152.24	318.85	333.87	55.37	251.99	328.88	41.79	65.34 PHASE
579	-18.68	14.28	648	2.49	2.35	3.39	3.58	2.14	1.24	1.43	1.27 AMP
				162.28	326.14	333.98	56.98	273.21	29.28	74.84	64.37 PHASE
580	-9.45	15.24	648	.86	2.36	4.89	4.52	2.34	2.12	.68	1.41 AMP
				212.53	327.53	324.35	49.81	259.27	225.89	122.76	79.38 PHASE
581	-7.95	18.61	641	2.38	2.81	5.87	6.39	2.81	4.92	.77	1.28 AMP
				389.49	338.87	319.47	45.23	259.82	247.55	219.95	92.48 PHASE
582	-6.82	22.17	639	8.11	3.28	6.82	6.19	3.42	6.46	.27	1.34 AMP
				318.69	318.24	297.74	28.55	221.86	228.84	282.98	61.13 PHASE
583	-4.93	24.79	648	8.23	4.83	7.89	6.92	3.93	5.14	.71	1.12 AMP
				316.81	315.42	291.79	13.63	228.46	255.34	325.72	58.68 PHASE
584	-11.47	17.48	639	4.41	3.82	3.57	2.69	2.34	2.99	2.83	.94 AMP
				157.58	319.42	339.42	75.99	258.46	318.91	43.41	73.44 PHASE
585	-11.47	16.68	648	3.88	2.49	4.88	3.37	2.89	1.78	2.28	.86 AMP
				174.85	328.25	333.75	54.38	262.92	325.11	46.45	45.47 PHASE
586	-18.31	16.71	648	1.72	2.21	4.93	4.61	3.15	2.62	1.19	1.64 AMP
				215.54	324.45	327.98	58.52	278.46	281.43	67.79	64.68 PHASE
587	-8.77	19.87	648	2.92	2.31	5.73	5.37	3.78	5.27	.55	1.84 AMP
				284.75	328.86	323.21	49.59	279.98	245.87	155.98	86.83 PHASE
588	-7.28	21.34	648	5.85	2.54	6.73	5.86	4.34	6.38	.87	1.78 AMP
				381.18	324.94	314.88	39.53	279.87	256.55	213.87	81.42 PHASE
589	-6.37	27.81	648	7.97	3.83	7.88	6.46	5.27	6.82	2.86	1.43 AMP
				387.24	317.16	293.78	11.98	262.62	258.81	224.64	68.71 PHASE
590	-4.72	32.65	648	7.87	1.86	8.75	6.28	6.99	7.84	2.22	.89 AMP
				318.69	295.56	288.84	357.77	264.16	281.82	264.25	186.31 PHASE
591	-13.24	18.88	641	4.98	3.58	3.62	3.21	3.81	2.41	1.82	1.19 AMP
				165.45	388.11	342.53	97.15	258.85	233.78	25.48	56.67 PHASE
592	-12.29	18.55	648	3.61	2.53	3.83	3.28	4.94	3.84	2.82	1.25 AMP
				186.92	318.24	345.82	78.81	259.85	385.58	41.17	74.81 PHASE
593	-18.93	19.45	639	2.95	2.81	4.44	4.15	4.68	2.84	2.45	1.49 AMP
				216.24	319.88	352.97	83.93	277.69	325.31	82.77	78.58 PHASE
594	-9.78	21.13	648	3.11	1.58	5.15	5.14	4.54	4.46	1.52	1.52 AMP
				265.33	322.69	339.98	72.32	276.23	313.89	79.95	188.82 PHASE
595	-8.73	26.25	648	5.18	1.71	6.17	5.92	4.28	5.56	1.16	.88 AMP
				299.11	333.64	326.86	51.59	287.69	318.98	292.55	76.65 PHASE
596	-7.27	32.57	639	7.15	1.11	6.78	6.11	4.32	7.11	3.19	.39 AMP
				319.69	355.11	322.27	51.32	327.35	352.84	327.88	61.13 PHASE

TABLE VIII.- Continued

(d) Concluded

TORSION 75 PERCENT RADIUS											
RUN NO 10											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
578	-2.34	4.45	641	1.94	1.68	.86	.95	.73	.45	.23	.87 AMP
579	-4.88	4.45	648	298.16	114.12	328.86	384.25	331.34	125.28	339.72	157.49 PHASE
580	-5.98	5.84	648	1.89	1.45	.89	.92	.75	.44	.27	.87 AMP
581	-7.92	6.88	641	326.13	131.97	221.76	383.65	336.87	143.49	345.74	215.38 PHASE
582	-9.67	7.86	639	2.34	1.36	.21	.87	.78	.41	.26	.86 AMP
583	-11.52	8.84	648	352.36	148.76	191.64	296.87	337.67	131.89	339.12	259.37 PHASE
584	-1.77	6.16	639	3.24	1.47	.36	.87	.88	.54	.24	.18 AMP
585	-3.56	5.89	648	11.27	163.66	183.96	289.43	345.51	128.69	381.81	314.86 PHASE
586	-5.35	6.82	648	4.26	1.67	.55	.86	.83	.63	.32	.16 AMP
587	-7.43	6.87	648	15.65	162.19	166.82	259.79	325.17	97.84	242.52	298.35 PHASE
588	-9.82	7.39	648	5.67	2.81	.61	.81	.81	.69	.44	.18 AMP
589	-10.76	8.81	648	23.86	169.21	158.29	252.89	334.22	97.58	241.12	297.81 PHASE
590	-11.89	8.76	648	2.59	2.44	.13	1.27	1.88	.58	.62	.18 AMP
591	-1.28	7.96	641	294.78	112.24	313.78	315.87	334.44	146.46	18.43	237.83 PHASE
592	-3.25	7.43	648	2.39	2.89	.86	1.18	.93	.68	.53	.19 AMP
593	-4.81	7.14	639	316.94	128.83	237.69	311.31	336.98	137.73	8.87	228.78 PHASE
594	-6.63	7.87	648	2.66	1.92	.12	1.18	.91	.65	.58	.25 AMP
595	-8.53	7.52	648	339.63	138.95	181.14	385.58	348.78	138.23	3.53	268.21 PHASE
596	-10.38	7.65	639	3.37	1.81	.25	.95	.87	.73	.48	.22 AMP
				1.53	147.42	182.78	382.23	357.42	138.75	358.43	271.74 PHASE
				4.19	1.83	.41	.95	.89	.77	.48	.17 AMP
				18.98	152.75	181.18	289.34	357.61	122.97	344.94	259.88 PHASE
				5.42	2.88	.46	.79	.93	.78	.65	.86 AMP
				16.83	157.79	158.93	264.96	342.56	88.44	314.47	188.61 PHASE
				6.49	1.77	.57	.68	.87	.38	1.88	.14 AMP
				16.24	156.16	185.52	261.17	345.58	86.82	312.26	5.87 PHASE
				2.25	2.87	.32	1.43	1.32	.54	.98	.34 AMP
				298.42	118.88	281.47	314.34	328.22	139.39	6.38	288.86 PHASE
				3.84	2.43	.48	1.32	1.26	.83	.38	.38 AMP
				315.57	121.39	285.64	326.38	344.18	156.28	12.16	313.88 PHASE
				3.89	2.18	.33	1.26	1.17	.48	.88	.49 AMP
				336.47	135.38	299.94	332.18	358.75	177.84	38.18	358.63 PHASE
				3.48	1.88	.27	1.13	1.87	.31	.79	.55 AMP
				351.57	148.79	282.25	319.79	349.52	158.99	19.82	348.76 PHASE
				4.25	1.78	.34	1.18	1.81	.14	.82	.69 AMP
				3.18	148.28	259.85	299.33	332.72	78.77	1.85	322.34 PHASE
				5.46	1.63	.26	1.16	1.88	.58	1.82	.73 AMP
				14.86	163.54	255.36	296.29	325.21	349.46	24.58	336.13 PHASE

PITCH LINK											
RUN NO 10											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
578	1.45	6.64	641	2.55	.57	1.25	1.41	1.78	.49	.78	.26 AMP
579	3.82	7.23	648	177.28	283.16	158.55	98.88	178.44	316.12	61.34	188.44 PHASE
580	4.86	9.25	648	3.22	.38	1.28	1.78	1.74	.41	.62	.25 AMP
581	6.78	11.28	641	194.16	318.61	157.18	182.99	185.84	348.83	65.77	186.82 PHASE
582	8.78	13.42	639	4.49	.39	1.28	1.74	1.79	.42	.76	.34 AMP
583	10.62	16.64	648	286.46	13.74	135.98	188.25	187.83	359.57	59.97	172.81 PHASE
584	.86	8.18	639	6.18	.52	1.25	1.83	1.88	.78	1.17	.52 AMP
585	1.89	9.17	648	211.87	26.94	113.98	181.18	192.28	.32	53.85	155.35 PHASE
586	3.78	18.92	648	8.22	.56	1.44	1.76	1.82	.95	1.87	.52 AMP
587	5.95	13.62	648	288.77	21.57	75.41	79.71	166.56	329.72	27.61	121.17 PHASE
588	7.83	15.61	648	11.22	.55	2.21	1.81	1.92	1.28	1.15	.75 AMP
589	10.19	19.14	648	288.88	348.21	57.82	88.28	171.58	333.61	48.28	111.25 PHASE
590	12.88	22.36	648	3.88	1.27	1.22	2.12	1.83	.31	.92	.51 AMP
591	-1.88	18.48	641	168.79	294.39	172.67	183.88	186.51	385.26	72.91	227.45 PHASE
592	1.81	11.91	648	3.96	1.84	1.84	2.88	2.16	.68	.96	.45 AMP
593	2.75	13.34	639	184.38	297.36	166.13	99.24	196.78	338.72	84.23	216.49 PHASE
594	4.96	15.25	648	4.94	.93	.96	2.36	2.15	.51	1.19	.53 AMP
595	7.78	18.58	648	194.72	388.85	151.46	99.22	287.17	.83	71.63	283.75 PHASE
596	10.87	23.35	639	8.89	.88	.92	2.28	2.19	.74	1.39	.65 AMP
				283.78	321.73	117.75	182.62	221.19	5.89	73.44	211.98 PHASE
				8.98	1.84	1.28	2.18	2.28	.74	1.36	.78 AMP
				284.46	311.98	87.89	99.53	212.21	355.54	67.25	215.62 PHASE
				12.83	1.61	1.96	2.86	2.21	.53	1.18	.96 AMP
				282.94	296.52	59.68	86.28	188.82	5.38	63.32	186.87 PHASE
				15.85	2.42	2.68	2.12	2.15	.73	1.38	.86 AMP
				281.66	278.22	51.71	88.64	188.13	62.18	74.85	166.17 PHASE
				3.78	1.76	1.13	2.88	1.89	.32	1.14	.36 AMP
				166.64	386.68	186.47	187.77	188.84	318.44	51.23	283.88 PHASE
				4.82	1.58	1.18	2.49	1.94	.66	1.47	.46 AMP
				181.75	387.62	181.17	117.94	288.77	21.88	91.63	223.16 PHASE
				5.98	1.61	1.82	2.61	1.76	.78	1.58	.26 AMP
				192.72	328.72	185.45	129.92	215.44	55.17	118.98	215.92 PHASE
				7.68	1.75	.89	2.46	1.51	.61	1.57	.24 AMP
				197.33	315.17	161.31	119.68	281.65	68.46	113.83	31.87 PHASE
				18.25	2.12	1.12	2.75	1.88	.66	1.41	.92 AMP
				198.43	384.18	118.45	189.23	178.77	188.81	185.33	7.27 PHASE
				14.24	2.87	1.82	2.92	2.41	1.12	1.51	1.39 AMP
				283.95	386.88	185.71	116.43	159.65	159.33	127.42	36.44 PHASE

TABLE VIII.- Continued

(e)  $\mu = 0.40$ ;  $M_T = 0.62$ 

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CU/SIGMA
597	-.4	2.6	2.2	.01819	.00209	.00137
598	-.1	4.6	4.1	.02849	.00182	.00196
600	-.6	5.1	6.3	.04988	.00189	.00172
601	-1.1	5.7	8.1	.06002	.00224	.00144
602	.9	2.7	4.2	.01134	.00130	.00162
603	.0	4.3	6.1	.02091	.00005	.00206
604	-.7	5.3	8.2	.03525	-.00140	.00277
605	-1.5	6.5	10.3	.04739	-.00293	.00353
606	-2.4	7.8	12.1	.05717	-.00435	.00436
607	-1.9	9.0	13.1	.06141	-.00513	.00496
608	1.0	4.7	8.1	.01289	.00045	.00200
609	.2	5.8	10.2	.02434	-.00168	.00248
610	-.2	6.6	12.2	.04103	-.00441	.00424
611	-1.2	7.9	14.0	.04982	-.00652	.00537
612	-1.9	9.2	16.0	.06166	-.00928	.00663
613	-2.3	9.6	17.0	.06629	-.01004	.00752

TABLE VIII.- Continued

(e) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
597	41.17	38.87	584	13.38	18.91	18.83	6.89	9.47	2.44	2.51	8.38 AMP
				152.28	334.36	77.83	14.83	133.48	8.81	242.18	189.86 PHASE
598	42.68	39.78	584	14.53	11.84	18.58	6.76	9.29	2.63	2.33	8.21 AMP
				152.57	335.52	74.27	15.84	139.58	9.81	239.41	112.66 PHASE
600	44.23	48.52	584	14.58	18.94	18.27	6.77	8.43	2.54	2.82	8.27 AMP
				148.85	327.42	59.28	356.71	128.87	351.47	286.41	77.83 PHASE
601	45.56	38.84	584	14.53	18.88	9.59	6.68	7.47	2.65	1.86	7.78 AMP
				146.23	326.34	54.76	353.32	128.84	351.47	286.41	77.83 PHASE
602	41.44	31.28	584	12.98	9.58	8.87	4.85	7.77	1.85	1.78	5.41 AMP
				158.91	338.87	64.48	8.48	128.28	1.39	255.42	184.49 PHASE
603	43.18	29.59	585	13.81	9.17	7.76	4.71	7.52	1.85	1.68	4.45 AMP
				152.57	332.81	45.73	358.65	183.64	335.95	236.24	76.54 PHASE
604	44.73	38.38	584	13.28	9.33	7.88	5.87	7.55	1.91	1.44	4.88 AMP
				152.95	337.72	47.71	356.38	116.84	351.68	258.88	97.68 PHASE
605	46.43	28.43	585	13.13	8.88	7.45	4.77	7.21	1.98	1.88	3.97 AMP
				147.92	336.25	37.86	347.21	189.58	348.51	246.33	83.12 PHASE
606	47.77	27.91	585	13.13	8.88	7.88	4.76	6.91	1.87	1.84	4.88 AMP
				141.67	332.98	23.95	332.89	95.16	335.59	224.66	61.45 PHASE
607	48.58	27.68	584	13.34	8.66	6.86	4.73	6.84	2.83	.91	3.98 AMP
				139.44	335.83	19.12	333.31	93.93	348.99	222.59	68.49 PHASE
608	43.61	22.48	588	11.94	7.39	5.81	3.68	6.83	1.52	1.19	1.74 AMP
				157.49	336.91	31.91	1.72	92.28	328.11	251.38	64.26 PHASE
609	45.29	22.67	586	11.96	7.57	5.25	3.91	5.95	1.73	.96	1.59 AMP
				151.81	334.44	22.24	352.39	82.18	319.53	247.68	55.68 PHASE
610	47.17	22.68	584	11.94	7.81	5.62	4.22	6.18	1.67	.76	1.79 AMP
				148.66	348.39	23.96	358.75	91.46	329.21	256.41	76.83 PHASE
611	48.68	22.85	583	11.69	7.57	5.48	4.25	5.86	1.59	.65	1.87 AMP
				141.88	341.31	15.59	353.63	85.89	328.23	247.68	64.48 PHASE
612	58.38	21.75	585	11.58	7.56	5.21	4.25	5.98	1.44	.54	2.88 AMP
				132.73	343.18	2.57	344.28	84.45	329.89	215.18	55.81 PHASE
613	58.87	22.36	584	11.81	7.82	5.34	4.45	5.89	1.38	.42	2.82 AMP
				129.93	343.93	357.88	344.57	86.26	328.88	284.47	55.78 PHASE

CHORDWISE 25 PERCENT RADIUS											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
597	49.86	44.67	584	11.56	9.82	9.15	2.69	1.63	6.58	18.17	3.41 AMP
				259.91	153.81	271.21	84.78	162.57	194.88	194.97	177.75 PHASE
598	49.85	58.53	584	14.46	14.62	14.28	4.15	4.48	12.95	13.88	2.87 AMP
				282.98	156.27	279.23	85.43	337.39	288.64	285.62	192.65 PHASE
600	47.29	64.69	584	19.14	19.73	18.54	5.43	5.44	14.96	15.53	3.89 AMP
				386.47	154.78	267.28	71.45	348.22	188.31	182.22	157.49 PHASE
601	45.72	78.86	584	25.55	23.46	22.82	7.38	2.64	16.52	15.86	3.48 AMP
				328.48	159.98	264.18	78.62	1.78	193.17	192.32	163.81 PHASE
602	48.98	39.73	584	8.51	18.78	18.38	4.16	.78	6.17	7.37	3.84 AMP
				269.92	147.66	288.79	89.39	114.51	284.35	218.58	176.63 PHASE
603	49.31	45.61	585	18.81	14.43	13.76	4.75	1.33	7.61	9.19	2.74 AMP
				282.59	145.83	267.52	64.88	272.65	168.75	173.84	156.69 PHASE
604	49.97	58.79	584	14.86	19.85	19.86	6.78	2.88	9.85	11.41	3.17 AMP
				319.22	168.85	266.29	75.16	384.87	196.87	194.58	182.34 PHASE
605	58.79	59.89	585	21.44	21.88	24.15	8.38	2.54	9.36	12.58	3.82 AMP
				334.47	164.39	258.69	66.92	383.36	284.18	198.88	185.64 PHASE
606	51.24	69.23	585	28.56	23.34	28.72	9.62	1.82	9.67	12.53	3.13 AMP
				338.17	165.58	252.12	61.19	381.28	199.74	178.15	175.64 PHASE
607	51.18	83.43	584	37.75	24.26	31.62	18.89	2.87	18.53	12.81	3.83 AMP
				343.64	169.29	253.92	63.27	285.64	289.55	181.73	176.88 PHASE
608	48.57	34.13	588	5.49	18.28	18.75	4.92	1.38	2.74	5.22	1.34 AMP
				288.84	147.65	266.32	68.87	333.25	147.75	167.89	133.87 PHASE
609	58.35	41.96	586	18.84	14.58	15.86	7.48	2.49	4.47	7.16	1.71 AMP
				329.94	157.28	258.23	49.32	278.54	172.69	152.36	141.11 PHASE
610	52.33	66.38	584	23.82	18.34	23.19	9.94	2.65	3.89	7.71	2.81 AMP
				357.84	172.31	254.46	63.83	295.69	259.15	179.57	282.78 PHASE
611	53.25	78.67	583	32.22	13.89	27.97	11.85	2.18	3.21	6.64	1.96 AMP
				.38	173.29	251.28	64.96	269.84	259.59	181.38	222.57 PHASE
612	54.75	99.28	585	47.28	19.95	33.89	12.41	2.86	1.88	6.46	2.89 AMP
				1.15	184.61	249.92	63.46	241.68	242.88	167.37	282.94 PHASE
613	54.88	111.83	584	53.86	21.59	37.52	13.41	3.18	1.89	7.89	2.19 AMP
				4.34	189.68	252.92	66.63	237.88	382.85	164.43	218.95 PHASE



TABLE VIII.- Continued

(e) Continued

TORSION 28 PERCENT RADIUS											
RUN NO		18									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
597	4.32	14.77	584	4.25	3.15	.42	2.12	2.18	1.49	.81	2.85 AMP
				385.74	155.81	173.12	357.95	88.66	198.48	57.89	164.66 PHASE
598	2.62	18.98	584	3.88	2.84	.42	2.38	2.53	1.49	.59	2.88 AMP
				319.21	165.59	217.19	347.98	188.44	286.43	79.97	175.23 PHASE
600	.27	11.13	584	3.79	2.81	.77	2.48	2.58	1.26	.72	2.15 AMP
				337.22	166.88	236.64	326.24	94.99	182.19	57.93	145.38 PHASE
601	-1.86	12.88	584	4.45	2.94	1.15	2.51	2.56	.92	.68	2.83 AMP
				353.48	172.22	252.41	322.29	92.37	188.95	64.86	147.45 PHASE
602	3.67	8.63	584	3.47	2.38	.48	1.82	2.82	1.89	.68	1.45 AMP
				294.37	145.16	326.85	348.56	88.54	178.84	34.85	168.68 PHASE
603	2.88	7.67	585	3.88	1.88	.63	1.82	2.27	1.83	.51	1.23 AMP
				384.65	149.11	384.19	327.11	68.55	159.83	15.85	144.51 PHASE
604	.88	7.88	584	2.76	1.73	1.84	1.88	2.48	1.14	.42	1.42 AMP
				328.41	169.17	384.25	329.15	81.33	171.39	51.73	172.64 PHASE
605	-1.83	8.41	585	2.97	1.78	1.38	1.81	2.53	1.88	.72	1.21 AMP
				347.72	178.43	292.72	321.41	88.82	167.79	26.36	155.19 PHASE
606	-3.52	9.58	585	3.37	1.84	1.68	1.89	2.53	1.85	.81	1.36 AMP
				.14	186.89	281.64	314.38	72.22	159.27	358.11	125.22 PHASE
607	-4.57	18.26	584	3.98	1.96	1.78	2.88	2.53	1.18	.73	1.47 AMP
				8.55	188.79	281.46	317.29	78.55	168.79	358.47	118.84 PHASE
608	1.52	6.18	588	2.51	1.86	1.18	1.42	1.94	.78	.25	.71 AMP
				292.49	155.13	316.94	331.78	44.99	153.64	37.85	144.77 PHASE
609	-.27	5.95	586	2.12	.98	1.38	1.36	2.18	.98	.19	.73 AMP
				314.13	177.45	299.44	318.63	43.29	153.32	7.18	137.78 PHASE
610	-2.47	6.99	584	2.48	1.27	1.56	1.51	2.14	.98	.55	.76 AMP
				358.29	195.54	388.58	331.67	62.73	173.88	2.28	148.84 PHASE
611	-4.18	7.15	583	3.84	1.52	1.69	1.62	1.99	.97	.47	.89 AMP
				4.63	283.43	293.84	327.58	62.37	178.38	357.78	128.48 PHASE
612	-6.26	9.11	585	4.22	1.82	2.88	1.66	2.87	1.84	.63	1.83 AMP
				16.41	285.83	281.76	328.53	66.72	187.75	347.88	118.82 PHASE
613	-7.18	12.11	584	4.77	2.88	2.28	1.64	2.11	1.18	.68	1.89 AMP
				28.98	289.48	283.48	325.84	72.98	194.88	356.89	111.71 PHASE

TABLE VIII.- Continued

(e) Continued

FLAPWISE 37 PERCENT RADIUS												
RUN NO 18												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
597	22.25	36.79	584	18.58	15.88	11.92	5.91	4.38	.91	.48	2.87	AMP
598	23.75	37.98	584	146.78	337.84	73.33	1.93	144.89	9.41	282.95	285.55	PHASE
599	25.26	38.96	584	19.75	15.44	12.11	5.68	4.26	.93	.54	1.97	AMP
600	26.51	39.28	584	146.99	338.18	71.26	4.87	153.32	14.54	288.52	288.77	PHASE
601	23.62	38.29	584	28.93	15.53	12.68	5.22	3.66	.85	.78	2.85	AMP
602	25.27	29.84	585	143.88	329.64	56.68	349.88	136.62	356.88	249.57	254.46	PHASE
603	26.79	31.12	584	21.88	15.65	12.53	4.81	3.14	.88	.66	1.98	AMP
604	28.48	38.84	585	142.78	328.66	52.99	348.65	138.87	18.88	253.52	252.54	PHASE
605	29.72	31.89	585	16.71	13.18	9.55	4.17	7.66	.85	.27	1.36	AMP
606	30.58	31.55	584	148.68	348.16	66.36	355.87	.27	8.14	288.91	286.73	PHASE
607	26.74	22.78	588	17.84	12.98	9.54	3.96	.66	.82	.31	1.18	AMP
608	28.21	23.49	586	144.84	333.91	58.18	339.87	33	337.72	256.41	258.33	PHASE
609	29.87	25.38	584	18.21	13.56	18.19	4.18	51	.81	.53	1.28	AMP
610	31.32	26.17	583	146.24	339.74	53.81	348.86	128.93	353.21	261.71	288.83	PHASE
611	33.85	25.78	585	18.69	13.22	18.42	3.89	3.33	.71	.62	1.14	AMP
612	33.62	26.72	584	144.13	337.72	47.28	341.87	113.41	348.71	249.29	264.84	PHASE
613				19.26	13.43	18.68	3.73	3.21	.63	.64	1.18	AMP
				148.94	333.72	38.89	329.85	96.75	318.66	237.29	243.68	PHASE
				19.75	13.42	18.71	3.52	3.22	.75	.66	1.16	AMP
				148.48	334.24	36.61	326.47	94.21	312.89	242.98	244.82	PHASE
				14.67	18.34	6.63	2.76	3.18	.54	.22	.52	AMP
				145.66	339.51	45.85	346.38	92.52	317.83	264.14	244.55	PHASE
				15.52	18.84	7.31	2.87	3.86	.52	.25	.44	AMP
				142.94	336.61	37.37	348.44	82.21	314.88	243.48	239.45	PHASE
				16.73	11.66	8.52	3.82	3.21	.45	.57	.57	AMP
				144.63	341.75	42.39	346.86	98.74	296.33	258.54	258.33	PHASE
				17.88	11.53	8.79	2.98	3.87	.56	.49	.67	AMP
				143.81	342.33	38.61	343.96	88.37	288.95	251.81	248.67	PHASE
				17.66	11.62	9.11	2.81	3.83	.61	.51	.74	AMP
				141.88	341.48	34.52	337.88	78.63	273.82	264.44	234.89	PHASE
				18.32	12.28	9.31	2.88	3.89	.65	.56	.75	AMP
				148.98	342.44	34.98	339.88	79.82	266.92	266.83	237.84	PHASE

CHORDWISE 37 PERCENT RADIUS												
RUN NO 18												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
597	23.64	41.22	584	11.35	7.65	5.59	4.23	2.33	9.55	16.58	6.37	AMP
598	22.78	58.88	584	266.98	143.91	287.56	75.63	171.73	288.66	194.25	249.84	PHASE
599	21.22	64.45	584	14.27	12.14	18.13	6.77	1.13	18.19	21.88	6.99	AMP
600	19.23	71.95	584	284.98	158.99	296.35	83.62	258.12	282.85	286.49	259.71	PHASE
601	23.26	36.82	584	18.68	16.34	13.85	9.68	1.33	28.56	25.38	6.76	AMP
602	22.98	43.38	585	383.45	151.87	286.85	78.39	235.74	182.17	183.13	22.44	PHASE
603	23.88	47.23	584	24.39	19.98	17.52	12.88	2.41	22.96	25.83	7.11	AMP
604	23.18	56.44	585	321.54	158.18	285.16	71.17	321.85	194.17	195.58	214.25	PHASE
605	22.96	66.76	585	8.84	8.53	6.85	5.78	.59	8.58	12.94	3.87	AMP
606	22.46	77.72	584	274.12	142.49	293.98	78.38	161.68	287.88	218.78	232.86	PHASE
607	22.16	38.17	588	9.78	11.36	9.62	7.24	1.97	18.19	15.39	4.18	AMP
608	23.24	39.48	586	283.38	143.17	281.67	59.12	258.79	169.58	175.94	285.51	PHASE
609	24.28	61.87	584	13.36	15.18	13.48	18.19	2.74	12.25	19.58	4.53	AMP
610	24.49	78.88	583	311.76	158.81	288.56	71.54	285.95	198.96	198.82	221.85	PHASE
611	24.79	88.17	585	19.89	16.94	17.37	12.56	3.39	13.88	21.52	5.84	AMP
612	24.51	97.87	584	324.74	163.15	272.78	65.39	286.67	287.93	194.88	286.85	PHASE
613				24.58	18.94	21.87	14.77	2.45	14.16	21.44	5.81	AMP
				328.62	164.65	266.93	58.86	284.17	284.66	182.28	193.42	PHASE
				31.22	19.82	23.71	16.26	2.77	15.98	28.23	5.91	AMP
				334.94	168.98	268.95	68.68	277.67	214.54	186.48	198.94	PHASE
				5.37	8.82	6.97	6.79	1.22	3.29	9.86	1.25	AMP
				283.88	149.71	283.51	61.48	326.58	144.28	169.83	182.17	PHASE
				9.23	11.39	18.14	18.82	2.82	5.61	12.34	1.84	AMP
				319.95	159.87	263.85	48.31	266.46	178.68	157.57	156.84	PHASE
				18.26	14.56	15.58	13.58	3.82	5.25	13.58	3.57	AMP
				347.78	172.96	266.29	62.28	286.26	258.13	187.55	213.36	PHASE
				24.38	15.25	28.27	15.28	2.36	5.93	11.61	4.18	AMP
				358.87	178.75	262.67	62.38	266.61	258.26	192.22	288.65	PHASE
				35.62	16.52	25.89	17.64	2.82	4.19	18.31	4.74	AMP
				352.46	184.64	261.55	59.68	235.82	248.25	179.51	193.56	PHASE
				45.53	18.14	28.25	19.19	3.21	3.63	18.82	5.88	AMP
				355.74	189.56	264.86	62.38	233.19	273.15	176.42	218.88	PHASE

TABLE VIII.- Continued

(e) Continued

TORSION 36 PERCENT RADIUS											
RUN NO		18									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
597	3.42	18.22	584	4.61	3.48	.64	1.74	1.82	1.23	.77	1.48 AMP
598	1.74	18.21	584	324.83	133.26	167.29	327.63	58.31	158.13	18.81	117.86 PHASE
600	-.57	18.39	584	4.42	3.16	.69	1.95	2.12	1.26	.61	1.51 AMP
601	-2.65	11.15	584	317.81	139.12	198.72	318.41	61.12	166.99	26.23	128.67 PHASE
602	2.67	8.57	584	4.51	2.98	.98	1.96	2.88	1.84	.74	1.59 AMP
603	1.13	7.88	585	338.66	137.98	198.42	296.82	45.34	144.25	4.58	99.77 PHASE
604	-.86	7.74	584	5.13	2.99	1.26	2.85	2.89	.73	.66	1.54 AMP
605	-2.72	8.38	585	343.67	141.92	211.87	293.34	53.95	152.76	11.64	182.27 PHASE
606	-4.38	8.93	585	3.88	2.85	.35	1.54	1.73	.91	.65	1.85 AMP
607	-5.38	9.86	584	297.89	121.17	254.14	315.79	41.26	139.84	351.26	112.34 PHASE
608	.56	6.86	588	3.59	2.32	.49	1.56	1.95	.88	.54	.91 AMP
609	-1.19	6.31	586	387.64	119.59	243.12	295.12	21.98	119.33	338.72	94.58 PHASE
610	-3.33	7.86	581	3.58	2.87	.84	1.63	2.13	.97	.46	1.88 AMP
611	-4.89	7.31	583	328.29	133.88	255.34	297.45	41.47	131.71	2.61	124.33 PHASE
612	-6.98	9.11	585	3.86	1.87	1.86	1.56	2.17	.85	.69	.91 AMP
613	-7.84	18.85	584	342.85	148.84	248.21	298.67	39.85	126.53	341.17	185.45 PHASE
				4.27	1.85	1.34	1.63	2.16	.98	.75	1.83 AMP
				358.79	147.85	239.48	283.81	32.88	117.37	314.27	74.45 PHASE
				4.77	1.94	1.45	1.78	2.15	.93	.69	1.18 AMP
				357.51	151.84	248.64	287.33	38.18	127.25	388.71	66.51 PHASE
				3.83	1.43	.72	1.26	1.68	.62	.29	.53 AMP
				382.11	115.68	277.77	298.43	6.47	114.75	346.48	93.53 PHASE
				2.94	1.18	.93	1.22	1.98	.76	.23	.55 AMP
				328.18	127.16	258.97	286.72	4.81	112.69	328.64	84.74 PHASE
				3.41	1.23	1.13	1.31	1.88	.79	.51	.58 AMP
				345.29	151.26	261.33	299.71	23.93	132.49	316.99	94.35 PHASE
				3.95	1.32	1.25	1.42	1.77	.82	.44	.67 AMP
				355.38	163.46	256.29	296.59	22.66	137.33	311.23	75.42 PHASE
				4.97	1.59	1.54	1.42	1.78	.91	.57	.88 AMP
				4.78	173.23	245.36	289.48	27.39	147.53	299.33	57.87 PHASE
				5.51	1.79	1.73	1.39	1.82	.97	.61	.84 AMP
				8.98	170.18	248.37	295.86	33.72	152.56	387.88	58.36 PHASE

TABLE VIII.- Continued

(e) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO		18									
PT NO	MEAN	1/2 P-P	RPII	1P	2P	3P	4P	5P	6P	7P	8P
597	5.48	53.25	584	24.85	19.78	13.38	1.95	4.76	2.55	2.22	7.87 AMP
				141.37	338.63	63.61	18.41	388.58	185.97	57.53	281.92 PHASE
598	7.87	54.41	584	25.97	28.25	13.83	1.85	4.81	2.64	2.12	7.88 AMP
				142.51	339.86	63.84	22.62	383.72	187.25	53.28	286.21 PHASE
600	8.88	54.87	584	27.56	28.68	14.85	1.86	4.51	2.28	1.79	7.99 AMP
				139.58	338.42	58.86	7.33	283.98	166.77	23.15	251.98 PHASE
601	18.43	54.79	584	28.93	28.78	15.16	1.88	4.23	2.14	1.61	7.48 AMP
				139.67	329.58	47.45	18.78	283.16	178.77	19.18	248.88 PHASE
602	7.66	44.83	584	22.17	17.56	11.21	1.77	3.85	1.71	1.58	5.15 AMP
				148.96	341.85	68.75	3.44	292.49	173.28	62.76	277.89 PHASE
603	9.68	42.69	585	22.63	17.21	11.56	1.82	3.69	1.58	1.46	4.15 AMP
				137.23	334.37	46.36	351.59	274.52	142.48	48.54	251.36 PHASE
604	11.34	45.15	584	24.16	18.86	12.61	1.83	3.95	1.66	1.29	4.59 AMP
				148.43	348.17	51.66	4.79	288.18	158.62	51.18	271.91 PHASE
605	13.16	44.17	585	24.88	17.85	13.19	1.98	3.76	1.54	.92	3.79 AMP
				139.48	337.68	46.94	359.22	288.58	152.85	48.38	257.82 PHASE
606	14.81	44.85	585	25.81	18.18	13.79	1.86	3.57	1.53	.89	3.88 AMP
				136.92	333.77	48.18	349.88	267.24	138.21	18.87	237.18 PHASE
607	15.82	45.39	584	26.41	18.37	13.96	1.63	3.42	1.48	.73	3.98 AMP
				137.18	333.52	39.68	348.49	266.35	143.56	12.62	235.52 PHASE
608	11.88	33.88	588	19.41	14.11	8.15	1.38	2.71	1.88	.88	1.68 AMP
				138.45	338.27	41.63	319.87	278.26	145.85	58.87	238.75 PHASE
609	13.55	34.23	586	28.55	14.63	9.28	1.22	2.88	1.15	.64	1.51 AMP
				136.76	335.11	35.93	314.88	268.64	138.66	46.17	238.75 PHASE
610	15.36	37.19	584	22.31	15.63	11.88	1.22	2.86	1.26	.45	1.71 AMP
				139.67	339.75	42.99	316.78	268.76	144.77	56.82	249.64 PHASE
611	17.14	37.28	583	22.91	15.42	11.58	1.18	2.65	1.13	.31	1.87 AMP
				139.16	339.33	48.85	384.87	266.48	148.66	43.21	237.68 PHASE
612	19.28	38.88	585	23.97	15.66	12.45	1.86	2.68	.99	.28	2.18 AMP
				138.68	337.74	37.86	386.11	265.24	148.42	354.98	238.19 PHASE
613	19.87	48.87	584	24.92	16.41	12.87	1.84	2.56	.99	.34	2.85 AMP
				139.17	339.23	48.21	385.14	266.51	151.52	335.16	231.64 PHASE

CHORDWISE 51 PERCENT RADIUS											
RUN NO		18									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
597	4.81	47.78	584	12.54	8.43	4.22	4.86	2.25	9.63	19.84	8.14 AMP
				285.82	147.38	297.98	84.85	178.29	289.58	197.58	267.71 PHASE
598	3.92	61.63	584	15.84	11.72	7.71	7.13	1.71	18.62	24.84	8.67 AMP
				295.68	153.64	387.81	89.83	253.86	287.43	218.65	275.14 PHASE
600	2.72	67.72	584	28.88	15.17	11.88	18.52	2.83	21.11	28.75	8.88 AMP
				385.88	152.73	298.54	74.56	234.52	187.78	187.56	239.21 PHASE
601	.78	77.25	584	26.21	17.86	14.87	14.85	2.35	23.98	29.41	8.46 AMP
				316.52	157.27	298.82	72.86	298.35	288.41	288.18	229.66 PHASE
602	3.64	48.27	584	9.31	8.55	5.85	5.77	.58	8.82	15.85	4.48 AMP
				292.72	149.73	383.22	82.79	229.86	215.31	214.82	254.98 PHASE
603	3.24	42.98	585	11.36	18.76	7.31	7.68	2.68	18.27	17.76	4.44 AMP
				295.27	148.23	292.18	63.79	253.35	175.18	188.31	223.89 PHASE
604	3.83	49.98	584	15.49	13.95	18.31	18.91	3.51	12.76	22.46	4.67 AMP
				312.23	161.72	292.48	75.91	283.75	285.96	282.25	238.44 PHASE
605	2.68	59.24	585	28.14	15.28	13.28	13.48	4.18	13.88	24.77	5.27 AMP
				319.74	165.11	284.89	68.21	281.55	215.68	198.24	217.25 PHASE
606	1.89	66.67	585	24.72	16.72	16.31	16.88	3.16	15.52	24.59	6.38 AMP
				321.85	165.83	279.64	68.38	271.58	212.68	186.81	281.76 PHASE
607	1.21	76.78	584	29.62	17.42	18.77	17.62	3.45	17.83	23.85	6.67 AMP
				327.16	169.19	281.37	61.57	266.85	221.95	191.14	198.32 PHASE
608	2.28	32.84	588	7.28	7.76	5.26	7.27	1.67	3.87	18.48	1.15 AMP
				299.14	157.39	296.36	63.78	297.97	144.98	175.68	285.24 PHASE
609	2.68	39.51	586	18.98	18.63	7.59	18.58	3.57	5.68	13.98	1.84 AMP
				315.98	163.46	276.26	51.78	263.87	175.75	162.83	163.23 PHASE
610	2.97	63.29	584	17.63	13.33	12.48	14.15	3.64	21.38	24.59	3.65 AMP
				335.56	175.82	278.23	64.17	278.91	263.82	192.94	228.48 PHASE
611	2.68	78.52	593	22.23	13.92	15.39	16.87	3.82	7.21	13.36	4.75 AMP
				339.76	179.58	274.46	63.98	268.77	263.58	198.15	213.42 PHASE
612	1.88	88.86	585	37.86	14.88	19.33	18.97	2.82	5.64	11.52	5.58 AMP
				342.87	183.98	273.52	68.62	232.88	255.51	186.15	199.74 PHASE
613	1.38	88.27	584	34.57	15.17	22.83	28.61	3.92	5.34	11.87	5.98 AMP
				344.83	188.47	276.67	63.88	233.12	274.94	182.84	212.49 PHASE

TABLE VIII.- Continued

(e) Continued

TORSION 5% PERCENT RADIUS											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
597	4.24	18.97	584	4.49	3.67	.66	1.75	1.61	1.32	.82	1.55 AMP
				307.59	137.46	199.56	354.87	78.56	182.85	45.88	184.39 PHASE
598	2.61	18.76	584	4.33	3.35	.78	1.79	1.84	1.37	.67	1.71 AMP
				328.74	142.58	217.38	348.51	87.85	198.94	58.87	194.64 PHASE
600	.38	18.27	584	4.33	3.11	.94	1.65	1.78	1.18	.75	1.85 AMP
				335.26	141.68	217.24	326.42	78.47	178.65	48.42	164.11 PHASE
601	-1.61	18.34	584	4.87	3.85	1.21	1.61	1.78	.82	.68	1.88 AMP
				348.57	146.68	222.31	328.48	78.42	191.89	44.55	164.88 PHASE
602	3.51	9.87	584	3.78	3.28	.29	1.51	1.64	1.88	.65	1.11 AMP
				303.11	125.57	269.33	343.84	68.52	174.47	32.75	177.68 PHASE
603	2.81	8.29	585	3.41	2.65	.38	1.44	1.84	.96	.55	1.82 AMP
				313.58	123.16	256.83	324.68	48.33	153.88	16.14	159.26 PHASE
604	.87	7.94	584	3.44	2.36	.66	1.48	1.99	1.81	.44	1.22 AMP
				334.89	136.48	262.88	327.63	66.68	167.34	44.68	186.85 PHASE
605	-1.72	8.31	585	3.78	2.89	.81	1.25	2.83	.89	.65	.98 AMP
				349.58	143.68	252.29	328.28	64.98	162.93	22.55	164.67 PHASE
606	-3.32	9.31	585	4.15	2.82	1.84	1.26	2.86	.98	.73	1.85 AMP
				358.61	158.38	242.86	312.46	55.84	152.93	353.19	138.33 PHASE
607	-4.26	9.69	584	4.68	2.11	1.13	1.41	2.88	.96	.69	1.89 AMP
				5.87	155.33	243.87	315.56	61.52	164.23	346.74	119.48 PHASE
608	1.45	6.86	588	2.88	1.77	.52	1.28	1.68	.64	.34	.63 AMP
				311.58	115.63	293.54	329.88	34.77	147.34	31.19	149.93 PHASE
609	-.24	6.44	586	2.88	1.41	.68	1.89	1.84	.79	.24	.68 AMP
				338.75	125.38	268.72	317.12	38.63	147.48	3.52	141.81 PHASE
610	-2.38	7.37	584	3.35	1.35	.83	1.11	1.85	.81	.58	.59 AMP
				355.53	151.51	265.47	328.83	49.86	167.48	358.96	145.66 PHASE
611	-3.91	7.66	583	3.88	1.38	.92	1.18	1.78	.84	.45	.68 AMP
				5.22	167.77	258.36	323.37	46.55	171.93	343.24	125.31 PHASE
612	-5.88	9.81	585	4.91	1.67	1.21	1.21	1.84	.93	.63	.81 AMP
				14.27	173.67	247.48	317.34	58.38	188.98	332.31	184.32 PHASE
613	-6.64	18.16	584	5.48	1.86	1.36	1.21	1.87	1.88	.67	.89 AMP
				18.84	184.23	249.84	323.55	56.76	186.47	338.61	184.58 PHASE

TABLE VIII.- Continued

(e) Continued

FLAPWISE 77 PERCENT RADIUS											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
597	-10.81	49.85	584	20.85	17.93	11.81	6.75	6.46	3.88	2.35	9.61 AMP
				132.65	335.18	38.55	189.96	328.97	25.77	271.67	182.65 PHASE
598	-7.52	51.37	584	28.37	18.45	11.34	6.59	6.58	2.87	2.13	9.68 AMP
				136.37	337.23	39.88	191.77	338.86	28.13	265.38	186.93 PHASE
599	-4.28	52.89	584	28.62	18.92	12.36	5.81	5.75	2.68	1.68	9.79 AMP
				137.26	338.11	28.96	176.15	312.45	8.85	254.81	78.75 PHASE
601	-1.31	53.31	584	29.68	19.48	12.55	5.18	5.25	2.12	1.41	9.81 AMP
				148.23	331.28	27.75	171.12	313.66	355.48	256.13	65.92 PHASE
602	-7.67	43.88	584	25.28	16.45	8.82	5.33	6.46	1.58	1.93	6.78 AMP
				132.39	334.47	35.78	186.28	298.85	358.98	258.29	99.37 PHASE
603	-5.17	41.82	585	24.89	16.26	8.23	5.87	6.73	1.48	1.88	5.44 AMP
				131.91	329.25	28.88	172.28	282.14	319.56	234.87	72.55 PHASE
604	-2.31	45.71	584	25.68	17.82	9.13	5.32	6.53	1.41	1.45	6.88 AMP
				138.18	336.82	28.67	188.41	294.94	338.31	244.69	93.17 PHASE
605	.52	45.25	585	25.78	17.38	9.68	4.59	6.59	1.56	.99	5.12 AMP
				148.11	336.89	23.85	172.33	298.35	328.81	239.94	77.98 PHASE
606	3.11	46.67	585	26.29	17.96	18.88	4.28	6.57	1.54	.88	5.23 AMP
				148.42	333.36	16.98	168.19	275.15	386.27	214.85	56.69 PHASE
607	4.68	48.25	584	26.78	18.59	18.12	4.14	6.66	1.23	.71	5.24 AMP
				142.24	333.69	15.79	159.73	273.84	387.98	282.18	55.15 PHASE
608	-2.87	35.24	588	22.53	13.41	5.32	4.88	6.57	.34	.96	2.87 AMP
				133.32	333.38	18.57	183.63	265.86	383.19	238.32	68.48 PHASE
609	-1.48	36.56	586	23.85	14.88	6.19	4.64	6.55	.55	.69	2.83 AMP
				134.81	332.78	8.17	174.15	256.18	268.58	217.91	53.82 PHASE
610	2.61	48.48	584	23.95	15.23	7.53	4.56	6.72	.67	.38	2.27 AMP
				141.23	339.21	19.81	179.84	266.92	319.86	222.89	71.28 PHASE
611	5.22	48.71	583	24.26	15.42	8.86	4.42	6.58	.51	.23	2.52 AMP
				143.39	339.92	17.42	175.13	258.47	352.82	161.79	58.63 PHASE
612	8.47	42.46	585	25.17	16.31	8.75	4.15	6.45	.46	.68	2.84 AMP
				145.76	339.98	16.54	163.51	257.71	8.31	139.14	49.59 PHASE
613	9.65	44.52	584	26.82	17.28	9.11	6.58	6.58	.64	.58	2.73 AMP
				147.72	342.18	19.83	165.44	268.18	18.47	123.84	58.38 PHASE

CHORDWISE 77 PERCENT RADIUS											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
597	-15.49	28.88	584	7.72	5.58	5.71	2.48	2.74	2.71	8.26	1.88 AMP
				158.59	336.89	35.61	158.21	294.53	289.97	196.58	248.71 PHASE
598	-15.85	32.64	584	6.84	4.86	6.33	3.38	3.71	6.38	18.51	1.83 AMP
				157.82	337.42	27.82	128.49	382.34	282.72	289.88	257.33 PHASE
600	-13.83	34.81	584	5.12	4.15	7.44	4.52	3.69	7.52	12.19	.43 AMP
				163.95	325.96	18.91	98.12	277.98	184.88	185.67	227.89 PHASE
601	-12.23	38.49	584	3.33	3.98	8.38	6.12	4.84	9.17	12.48	.84 AMP
				174.35	323.46	4.87	87.43	287.88	281.88	198.79	215.39 PHASE
602	-13.31	24.48	584	7.23	4.78	4.64	2.43	3.47	3.19	7.85	.59 AMP
				143.93	334.62	27.73	126.86	287.78	222.96	211.46	153.81 PHASE
603	-14.29	25.81	585	6.38	3.99	5.12	2.92	4.48	3.53	8.85	.65 AMP
				145.57	328.14	6.88	94.31	267.65	177.95	178.79	158.92 PHASE
604	-14.28	34.87	584	4.98	3.56	5.72	4.39	5.88	4.74	18.81	.91 AMP
				153.84	338.89	6.88	95.19	283.54	218.84	198.94	147.54 PHASE
605	-12.91	32.97	585	3.17	3.38	6.38	5.58	5.33	5.53	18.82	1.29 AMP
				159.76	325.84	35.11	88.33	278.28	221.64	194.46	153.34 PHASE
606	-11.26	36.18	585	1.75	3.43	7.26	6.63	5.82	6.57	18.69	1.42 AMP
				178.49	328.17	34.28	68.88	264.91	218.82	183.11	152.25 PHASE
607	-18.17	38.28	584	.76	3.65	7.97	7.21	5.18	7.77	9.94	1.72 AMP
				236.74	317.71	348.99	69.81	263.22	224.52	187.11	158.54 PHASE
608	-12.18	18.83	588	6.46	3.53	3.89	2.26	3.93	.85	4.78	.33 AMP
				142.23	326.68	1.84	92.67	266.18	146.88	173.38	69.21 PHASE
609	-13.21	24.74	586	5.15	3.88	4.13	3.42	4.81	2.18	6.13	.75 AMP
				142.22	319.69	358.27	69.51	253.14	188.61	159.52	88.68 PHASE
610	-13.11	24.28	584	3.12	3.15	5.28	5.81	4.95	3.86	5.88	.98 AMP
				138.56	321.54	349.24	76.33	264.82	267.75	188.72	187.26 PHASE
611	-11.82	24.91	583	1.53	3.31	5.84	5.95	4.69	3.44	5.79	1.27 AMP
				138.39	328.52	339.97	73.71	254.78	264.84	193.12	185.16 PHASE
612	-18.16	38.64	585	1.38	3.86	7.85	7.58	4.54	2.86	5.83	1.66 AMP
				346.85	317.66	333.48	67.67	246.53	258.72	188.63	169.19 PHASE
613	-9.35	31.76	584	2.24	4.24	7.86	8.16	5.88	2.93	5.82	1.72 AMP
				341.62	315.78	332.57	69.82	246.72	276.16	176.96	188.86 PHASE

TABLE VIII.- Continued

(e) Concluded

TORSION 75 PERCENT RADIUS											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
597	1.44	10.36	584	4.36	4.06	.75	1.31	1.12	1.16	.70	.92 AMP
598	.00	10.79	584	291.33	129.41	247.59	16.22	59.95	203.07	89.80	235.93 PHASE
600	-1.81	10.13	584	3.93	3.70	.01	1.24	1.11	1.25	.73	1.09 AMP
601	-3.42	10.10	584	303.04	135.37	255.11	18.02	61.66	210.60	93.02	230.92 PHASE
602	.91	8.34	584	3.50	3.54	.94	1.02	1.07	1.05	.70	1.22 AMP
603	-4.40	7.97	585	318.03	135.08	241.20	6.17	30.50	190.60	70.13	200.63 PHASE
604	-2.06	7.66	584	3.47	3.43	1.00	.00	.99	.07	.78	1.30 AMP
605	-3.50	7.56	585	335.61	143.23	234.40	5.71	30.46	193.69	67.03	193.62 PHASE
606	-4.90	7.53	585	3.77	3.50	.54	1.14	1.06	.07	.55	.62 AMP
607	-5.64	7.33	584	265.13	124.09	275.70	4.22	50.34	109.59	03.21	229.32 PHASE
608	-7.76	5.62	588	3.17	3.12	.50	1.17	1.13	.01	.50	.52 AMP
609	-2.21	5.70	586	292.65	122.62	262.24	350.53	20.94	159.04	50.40	204.13 PHASE
610	-4.00	6.35	584	2.77	2.05	.65	1.05	1.20	.03	.55	.69 AMP
611	-5.25	6.09	583	314.45	136.03	262.39	2.21	42.37	175.94	07.74	225.30 PHASE
612	-6.91	7.19	585	2.67	2.63	.69	.09	1.20	.75	.56	.44 AMP
613	-7.61	7.91	584	332.00	145.07	240.04	.00	39.50	164.04	64.70	200.21 PHASE
				2.07	2.61	.70	.03	1.24	.74	.55	.36 AMP
				347.14	150.01	226.65	348.62	29.66	147.20	34.53	159.44 PHASE
				3.22	2.70	.74	.00	1.24	.75	.50	.32 AMP
				356.73	156.79	220.02	346.04	33.52	153.00	34.94	140.16 PHASE
				2.69	2.19	.40	1.04	1.05	.46	.32	.23 AMP
				209.00	121.51	270.03	344.05	23.33	156.12	51.44	170.77 PHASE
				2.27	1.92	.54	.95	1.13	.61	.21	.21 AMP
				303.18	132.73	251.97	338.73	15.91	143.46	42.24	172.53 PHASE
				2.36	1.96	.65	.00	1.10	.62	.24	.13 AMP
				340.67	150.25	243.91	349.07	33.37	154.22	24.74	146.00 PHASE
				2.69	2.02	.69	.05	1.10	.61	.21	.21 AMP
				356.99	160.59	231.91	341.15	29.17	156.93	15.05	131.94 PHASE
				3.51	2.37	.03	.00	1.10	.62	.31	.27 AMP
				11.65	177.93	217.30	332.68	29.42	150.69	337.15	105.59 PHASE
				3.98	2.58	.00	.79	1.19	.67	.35	.32 AMP
				17.00	102.31	217.34	338.31	35.02	162.41	336.25	95.72 PHASE

PITCH LINK											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
597	-3.94	12.00	584	3.16	2.26	1.06	2.65	2.72	1.47	.11	2.06 AMP
598	-2.33	12.40	584	130.75	2.02	239.66	173.43	271.57	2.43	213.97	300.66 PHASE
600	-.36	15.01	584	2.27	2.13	.92	3.07	3.30	1.52	.06	2.79 AMP
601	1.51	15.72	584	166.23	17.90	224.21	165.22	201.06	22.18	15.36	309.62 PHASE
602	-2.09	9.50	584	3.10	2.36	.73	3.16	3.31	1.30	.20	2.92 AMP
603	-1.47	8.70	585	103.71	16.96	100.37	141.67	263.70	355.17	279.02	274.16 PHASE
604	.19	10.01	584	4.31	2.71	1.01	3.23	3.21	1.02	.37	2.72 AMP
605	1.05	11.04	585	194.42	22.50	153.73	130.90	269.72	.31	300.46	273.60 PHASE
606	3.26	11.00	585	1.77	1.29	1.50	2.10	2.45	.99	.47	2.05 AMP
607	4.15	12.79	584	105.20	5.64	193.30	165.23	260.29	347.17	147.60	301.79 PHASE
608	-5.00	7.52	580	1.09	1.30	1.56	2.23	2.05	.99	.36	1.60 AMP
609	1.02	9.45	586	139.05	24.30	170.00	144.77	237.96	329.36	96.34	201.07 PHASE
610	2.70	9.09	584	1.62	1.59	1.69	2.43	3.12	1.15	.14	1.72 AMP
611	4.16	10.09	583	107.26	41.91	166.07	144.23	256.40	339.30	70.02	302.59 PHASE
612	6.01	12.15	585	2.49	1.00	1.04	2.42	3.22	.09	.31	1.57 AMP
613	6.69	13.54	584	200.02	45.36	151.00	137.93	255.70	343.31	177.13	205.93 PHASE
				3.49	2.36	2.03	2.54	3.22	.95	.41	1.03 AMP
				216.57	44.07	133.50	131.26	246.54	339.63	149.06	266.62 PHASE
				4.35	2.53	2.29	2.74	3.31	.90	.32	2.00 AMP
				226.24	46.37	123.92	136.91	250.32	340.33	119.73	264.05 PHASE
				.70	1.15	2.00	1.61	2.42	.70	.25	.76 AMP
				36.37	55.91	160.91	146.77	221.71	320.95	49.21	204.62 PHASE
				.51	1.57	2.06	1.70	2.97	.07	.26	.79 AMP
				246.20	56.76	142.75	133.02	217.57	330.07	44.00	279.33 PHASE
				1.93	1.99	2.30	1.94	2.93	.06	.20	.96 AMP
				232.35	62.02	142.07	147.30	234.64	357.92	130.75	209.66 PHASE
				3.29	2.39	2.39	2.00	2.72	.94	.19	1.16 AMP
				232.29	61.62	130.20	147.02	232.66	359.29	103.45	275.40 PHASE
				5.21	2.66	2.60	2.19	2.03	1.13	.23	1.45 AMP
				231.00	56.75	111.06	143.10	235.93	4.24	131.40	262.21 PHASE
				6.04	2.96	3.04	2.22	2.00	1.25	.30	1.50 AMP
				231.05	57.46	109.11	149.36	239.55	7.31	174.20	264.76 PHASE

TABLE VIII.- Continued

(f)  $\mu = 0.40$ ;  $M_T = 0.65$ 

PT.	A1	B1	THETA	CL/SIGMA	CU/SIGMA	CV/SIGMA
653	.1	2.7	1.9	.01955	.00271	.00139
654	-.0	4.0	3.9	.03411	.00252	.00152
655	-.5	5.4	5.9	.04652	.00223	.00164
656	-.8	5.9	6.9	.05336	.00207	.00204
657	-1.1	6.4	7.6	.05972	.00188	.00223
658	-1.3	7.1	8.4	.06577	.00169	.00262
659	.7	2.6	3.8	.01226	.00171	.00171
660	-.1	3.9	5.9	.02463	.00031	.00221
661	-.5	5.2	7.6	.03599	.00095	.00287
662	-1.1	6.4	9.6	.04427	.00247	.00361
663	-1.6	7.6	11.4	.06120	.00398	.00458
664	-1.9	8.1	12.8	.06756	.00457	.00498
665	-2.4	8.8	13.8	.07253	.00542	.00556
666	.8	2.6	5.9	.00381	.00255	.00137
667	.0	4.4	7.9	.01432	.00057	.00215
668	-.4	5.8	9.8	.02516	.00169	.00322
669	-1.7	6.7	11.8	.03941	.00449	.00435
670	-1.5	7.5	13.8	.05232	.00697	.00560
671	-2.3	8.8	16.0	.06535	.00980	.00704
672	-2.7	9.2	16.9	.07184	.01116	.00790
673	.6	4.5	9.8	.00812	.00164	.00177
674	-.6	5.5	11.8	.01913	.00157	.00305
675	-1.1	6.8	13.8	.03112	.00518	.00453
676	-1.6	8.1	15.9	.04334	.00905	.00637
677	-2.2	8.9	17.6	.05445	.01241	.00803
678	-2.6	9.4	18.8	.06242	.01463	.00918



TABLE VIII.- Continued

(f) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO		2#									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
653	39.77	38.85	615	13.46	18.65	11.34	6.97	9.88	2.69	3.86	6.82 AMP
				154.28	331.55	78.74	3.86	123.65	7.86	243.13	85.11 PHASE
654	41.48	37.89	615	14.87	18.69	11.18	7.19	9.69	2.58	2.51	5.99 AMP
				149.89	321.22	53.32	343.58	181.57	338.52	284.75	49.86 PHASE
655	42.83	38.79	615	14.53	18.68	18.75	7.38	9.98	2.75	2.34	5.98 AMP
				158.81	326.87	57.19	352.38	116.68	346.98	218.93	63.66 PHASE
656	43.53	39.19	614	14.78	18.54	18.43	7.11	9.76	2.67	2.89	5.48 AMP
				158.48	329.54	59.73	356.59	127.99	357.42	218.35	71.92 PHASE
657	44.33	37.74	615	14.55	18.37	9.98	6.88	9.62	2.71	1.85	4.87 AMP
				143.73	316.42	48.14	338.13	97.64	324.99	175.87	21.78 PHASE
658	45.85	37.53	615	14.78	18.38	9.78	6.96	9.42	2.71	1.68	4.54 AMP
				142.21	317.18	36.68	326.48	188.59	325.45	167.65	18.95 PHASE
659	48.88	27.31	617	12.38	8.66	8.28	4.54	8.52	2.88	2.85	3.17 AMP
				155.18	329.58	45.38	343.34	81.87	333.97	239.19	38.23 PHASE
660	41.66	28.86	616	12.58	8.86	8.42	4.94	8.33	2.45	1.83	3.18 AMP
				158.53	324.33	38.82	325.55	78.71	314.13	216.81	18.85 PHASE
661	43.15	28.89	616	12.98	8.95	8.48	5.86	8.64	2.66	1.72	2.63 AMP
				153.55	335.89	48.71	344.58	96.25	337.83	251.38	53.28 PHASE
662	44.68	28.38	616	13.88	8.98	8.41	5.26	8.54	2.79	1.58	2.31 AMP
				146.37	327.18	25.38	327.49	76.98	313.73	221.87	28.43 PHASE
663	46.32	28.22	616	13.27	8.76	8.88	5.25	8.29	3.83	1.38	2.17 AMP
				139.11	322.19	18.57	318.76	61.85	388.28	196.69	342.84 PHASE
664	47.89	29.86	617	13.35	8.85	8.88	5.29	8.33	2.91	1.28	2.17 AMP
				148.66	328.35	18.93	328.48	88.25	323.28	212.81	8.61 PHASE
665	47.79	28.43	615	13.34	9.88	7.64	5.85	8.31	3.15	1.13	2.18 AMP
				139.28	329.94	16.81	328.92	81.99	327.97	218.68	3.68 PHASE
666	48.42	22.81	616	11.88	7.23	4.75	2.81	6.88	1.79	1.51	1.62 AMP
				158.95	332.26	38.85	347.93	69.87	328.69	248.38	22.55 PHASE
667	41.96	22.52	616	11.22	7.37	4.89	3.18	6.68	1.65	1.48	1.39 AMP
				159.52	343.13	35.84	3.81	93.14	346.86	269.62	57.92 PHASE
668	43.58	22.67	616	11.35	7.32	5.28	3.71	6.78	1.65	1.82	1.35 AMP
				153.51	338.81	24.72	351.57	78.78	322.41	246.58	42.62 PHASE
669	45.33	22.62	616	11.39	7.43	5.62	4.15	7.87	1.98	1.48	1.46 AMP
				144.88	329.91	8.35	329.18	53.89	297.74	288.68	352.38 PHASE
670	46.96	23.81	616	11.44	7.79	5.68	4.37	6.68	2.85	1.18	1.63 AMP
				145.29	341.82	17.84	347.38	78.25	325.49	224.88	17.37 PHASE
671	48.75	22.98	616	11.53	7.96	5.48	4.68	6.68	2.88	.98	1.66 AMP
				133.18	333.85	354.18	323.58	58.45	297.87	188.12	343.41 PHASE
672	49.63	23.84	616	11.43	7.96	5.43	4.69	6.83	1.93	.76	1.88 AMP
				138.64	338.88	355.12	328.67	66.54	311.79	198.25	354.83 PHASE
673	42.47	19.23	616	18.39	6.38	3.56	2.33	4.48	.78	.68	.84 AMP
				157.25	332.84	1.95	347.97	66.88	381.33	235.31	355.76 PHASE
674	44.12	18.58	616	9.94	6.44	3.82	2.86	4.49	.88	.48	.63 AMP
				154.32	337.37	7.88	351.61	73.76	297.59	258.63	27.49 PHASE
675	45.85	18.68	615	10.22	6.55	3.95	3.22	4.88	1.82	.46	.47 AMP
				151.15	344.19	13.25	.31	81.58	327.88	226.61	2.75 PHASE
676	47.78	19.16	616	18.39	6.75	3.98	3.78	5.17	.87	.59	.51 AMP
				136.34	332.89	346.13	329.26	48.71	295.18	187.12	328.78 PHASE
67	49.31	19.06	616	18.58	7.88	3.92	4.17	5.38	.87	.56	.61 AMP
				129.42	337.36	343.38	334.68	59.98	293.88	179.65	348.28 PHASE
678	50.24	19.43	616	18.63	7.16	3.97	4.49	5.41	.78	.47	1.82 AMP
				121.82	333.61	331.94	324.83	52.76	285.28	162.31	344.19 PHASE

TABLE VIII.- Continued

(f) Continued

CHORDWISE 25 PERCENT RADIUS											
RUN NO		2#									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
653	53.89	55.99	615	13.85	18.37	7.65	4.38	4.26	13.98	9.56	3.21 AMP
				269.78	146.71	283.67	94.82	85.29	136.79	154.18	143.48 PHASE
654	51.51	64.68	615	17.88	15.96	12.46	4.72	3.46	28.88	12.98	2.59 AMP
				284.48	143.76	276.74	66.99	51.31	112.38	121.83	133.71 PHASE
655	49.86	72.13	615	21.31	21.84	16.85	6.36	2.86	23.12	15.64	2.72 AMP
				384.65	153.97	279.12	78.88	38.54	138.18	143.12	154.44 PHASE
656	48.96	79.23	614	24.33	23.68	19.17	7.68	2.79	23.94	15.97	2.37 AMP
				315.33	159.71	282.82	76.16	28.98	153.81	157.95	167.65 PHASE
657	48.87	79.55	615	27.48	25.49	21.47	8.24	2.79	23.52	16.45	2.88 AMP
				316.28	158.52	262.53	48.33	335.44	124.86	121.25	132.69 PHASE
658	47.29	84.82	615	31.98	27.58	24.83	8.97	3.51	25.42	17.55	2.98 AMP
				323.48	153.18	261.99	46.93	325.41	132.81	124.98	143.12 PHASE
659	51.83	44.78	617	11.26	18.77	9.84	5.52	2.54	18.86	6.65	1.92 AMP
				268.67	137.65	269.32	75.32	4.88	121.91	119.43	128.26 PHASE
660	51.28	52.85	616	12.78	15.54	13.16	6.86	1.44	11.91	8.19	1.94 AMP
				283.54	139.57	259.28	58.33	317.71	188.73	99.21	98.74 PHASE
661	51.88	62.58	616	16.94	19.41	17.34	8.49	3.41	11.96	9.48	2.88 AMP
				313.74	156.64	269.88	66.98	313.92	146.11	134.16	153.25 PHASE
662	52.12	71.88	616	23.48	23.46	22.62	11.88	5.23	12.53	11.13	2.38 AMP
				325.93	153.98	254.53	51.82	291.89	136.88	118.36	145.12 PHASE
663	52.18	81.82	616	34.26	26.79	28.33	12.96	4.88	14.48	11.77	2.58 AMP
				333.64	153.68	245.69	48.97	284.98	132.74	184.83	131.62 PHASE
664	52.84	86.59	617	38.74	28.19	31.11	13.78	4.31	15.86	11.73	3.83 AMP
				342.28	162.31	256.33	56.33	298.81	159.86	133.71	162.21 PHASE
665	51.74	92.72	615	43.86	29.21	34.34	14.59	3.92	15.98	11.94	2.81 AMP
				344.54	167.78	258.76	58.43	295.92	168.19	138.16	168.23 PHASE
666	48.88	31.49	616	9.89	7.87	7.88	5.13	2.74	2.72	3.25	1.47 AMP
				245.33	143.65	268.21	88.73	328.28	92.28	97.97	118.78 PHASE
667	49.32	33.61	616	8.69	18.82	18.28	5.38	2.11	3.43	3.76	1.11 AMP
				272.58	168.11	278.84	85.23	318.16	133.77	124.88	157.93 PHASE
668	51.18	44.52	616	11.91	14.38	13.33	8.87	3.86	6.61	5.12	1.25 AMP
				389.78	164.73	257.88	51.48	272.53	132.37	111.14	147.85 PHASE
669	52.95	58.86	616	19.97	18.44	19.92	11.11	4.77	6.86	6.34	1.86 AMP
				332.65	168.58	238.14	39.16	257.88	164.83	98.75	138.66 PHASE
670	54.52	79.64	616	31.12	21.14	26.39	13.76	4.98	6.74	6.36	1.64 AMP
				358.43	176.92	253.88	62.85	267.29	197.26	136.93	181.57 PHASE
671	55.95	182.81	616	46.47	23.98	34.88	15.83	4.37	5.45	7.22	2.15 AMP
				351.85	174.84	248.98	42.87	248.67	154.84	186.68	164.92 PHASE
672	56.28	114.59	616	54.77	24.24	37.73	16.27	5.48	4.24	7.88	2.38 AMP
				356.55	181.54	247.52	49.21	237.18	162.89	114.96	189.82 PHASE
673	47.85	26.28	616	6.66	6.87	6.86	3.93	1.91	5.92	2.77	.77 AMP
				245.56	178.52	243.23	74.31	252.16	48.75	78.86	95.87 PHASE
674	49.57	35.52	616	7.87	18.82	9.34	5.54	2.62	9.18	3.94	.67 AMP
				296.45	182.29	241.58	48.19	237.41	188.62	86.31	114.48 PHASE
675	52.89	49.19	615	14.28	14.86	15.28	9.25	3.86	6.73	4.28	.97 AMP
				344.88	192.15	246.51	61.58	265.13	167.82	127.87	151.83 PHASE
676	55.12	75.69	616	29.72	17.95	21.92	11.94	5.62	3.65	3.68	1.27 AMP
				353.42	185.99	229.36	78.76	228.52	233.91	86.25	143.92 PHASE
677	57.53	188.22	616	45.85	21.12	28.66	13.53	7.71	4.54	4.29	1.43 AMP
				.99	196.71	238.26	47.32	224.89	312.99	98.88	187.97 PHASE
678	58.62	112.98	616	57.72	23.22	33.81	13.86	8.72	4.49	5.85	1.55 AMP
				2.84	196.76	236.84	37.15	212.16	333.34	88.86	181.68 PHASE

TABLE VIII.- Continued

(f) Continued

TORSION 28 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
653	4.64	12.21	615	5.83	4.33	1.36	2.74	2.38	1.78	.85	1.53 AMP
654	2.36	11.95	615	298.79	147.87	127.52	344.65	88.86	191.85	47.19	124.88 PHASE
655	.16	12.73	615	4.29	3.88	1.18	2.77	2.62	1.78	.83	1.37 AMP
656	-1.85	13.38	614	312.88	142.99	128.21	321.81	53.14	171.57	31.64	96.78 PHASE
657	-2.25	13.38	615	4.14	3.58	.88	2.91	3.31	1.52	.78	1.26 AMP
658	-3.48	13.82	615	331.37	154.33	145.42	324.12	69.45	198.48	68.89	118.98 PHASE
659	3.74	9.73	617	4.23	3.42	.71	2.92	3.56	1.42	.81	1.17 AMP
660	1.69	9.63	616	341.59	161.87	169.76	326.87	84.21	284.13	82.56	119.14 PHASE
661	-2.20	9.38	616	4.46	3.33	.69	2.98	3.71	1.27	.73	.98 AMP
662	-2.54	9.65	616	346.89	151.38	171.47	382.98	54.76	169.22	31.58	63.92 PHASE
663	-4.89	18.78	616	4.87	3.29	.85	2.96	4.88	1.22	.61	.84 AMP
664	-6.81	11.71	617	353.85	155.88	192.71	381.86	68.76	162.84	48.82	59.78 PHASE
665	-7.88	12.88	615	4.29	3.46	.77	2.48	2.12	1.11	.56	.59 AMP
666	2.89	7.68	616	288.26	122.84	27.29	316.84	43.16	149.48	346.48	71.45 PHASE
667	.98	7.35	616	3.52	2.73	.65	2.51	2.43	.99	.61	.61 AMP
668	-1.85	7.15	616	291.41	124.27	346.42	388.28	29.38	126.21	345.99	57.66 PHASE
669	-3.36	7.18	616	3.88	2.32	.77	2.45	2.77	.95	.61	.64 AMP
670	-5.50	8.87	616	315.54	148.99	348.68	319.82	58.58	159.68	42.18	123.92 PHASE
671	-8.86	9.63	616	2.99	2.81	.98	2.51	3.87	.97	.62	.44 AMP
672	-9.27	18.93	616	337.82	143.15	382.42	382.19	45.88	139.73	356.92	77.15 PHASE
673	-8.85	7.31	616	3.78	1.97	1.29	2.78	3.25	1.83	.62	.44 AMP
674	-2.81	6.83	616	357.72	158.47	274.72	291.68	48.43	124.38	293.87	9.68 PHASE
675	-4.85	6.43	615	4.29	2.12	1.47	2.79	3.49	1.19	.65	.53 AMP
676	-6.45	5.98	616	9.47	162.64	281.83	386.37	63.12	148.82	382.75	31.77 PHASE
677	-8.59	7.63	616	4.88	2.28	1.71	2.67	3.53	1.38	.64	.58 AMP
678	-9.94	9.35	616	15.78	178.34	283.81	318.78	69.61	153.58	292.85	39.17 PHASE
				3.82	2.22	1.27	1.84	2.86	.93	.28	.42 AMP
				266.36	115.66	334.91	312.86	24.87	124.23	331.56	97.45 PHASE
				3.87	1.52	1.46	1.85	2.82	.78	.21	.41 AMP
				279.56	138.93	335.13	325.85	44.88	145.49	39.95	155.42 PHASE
				2.39	1.89	1.48	1.73	2.38	.75	.35	.55 AMP
				296.89	142.18	312.61	389.78	34.82	146.75	34.59	125.86 PHASE
				2.18	.96	1.64	1.85	2.68	.75	.48	.46 AMP
				327.98	154.25	288.88	293.26	23.59	123.82	297.92	78.33 PHASE
				2.93	1.19	1.99	2.82	2.48	.82	.69	.48 AMP
				1.18	183.88	298.81	315.27	68.82	171.63	386.66	73.42 PHASE
				4.19	1.52	2.42	2.89	2.67	1.12	.79	.68 AMP
				14.68	185.42	274.22	296.82	44.68	153.24	274.68	38.66 PHASE
				5.88	1.64	2.62	2.85	7.63	1.28	.87	.63 AMP
				21.87	198.98	277.66	387.23	55.88	169.31	288.92	44.51 PHASE
				2.61	.54	1.92	1.21	1.91	1.88	.46	.53 AMP
				258.87	124.71	318.31	388.51	19.88	187.52	45.93	85.79 PHASE
				1.69	.37	1.88	1.28	2.26	.78	.56	.50 AMP
				267.25	194.18	385.97	386.58	28.32	117.11	68.91	59.13 PHASE
				1.18	.68	2.83	1.38	2.38	.61	.24	.34 AMP
				316.88	238.88	387.23	316.64	58.93	126.93	79.49	97.56 PHASE
				1.92	1.86	2.39	1.52	1.98	.46	.52	.48 AMP
				6.21	217.28	281.89	292.67	18.68	136.43	297.82	32.11 PHASE
				3.34	1.38	2.74	1.49	1.84	.73	.76	.45 AMP
				23.15	218.12	279.74	299.77	32.82	179.38	381.76	37.69 PHASE
				4.45	1.64	3.83	1.55	1.89	.91	.68	.68 AMP
				25.76	218.43	268.33	296.88	26.92	174.43	294.58	31.86 PHASE

TABLE VIII.- Continued

(f) Continued

FLAPWISE 37 PERCENT RADIUS											
RUN NO		2#									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
653	22.77	38.87	615	19.47	15.56	12.61	6.45	4.58	.95	.47	2.18 AMP
				147.31	334.39	68.87	355.38	137.83	16.59	292.48	262.93 PHASE
654	24.45	39.52	615	28.58	15.88	12.88	6.35	4.43	.98	.59	1.93 AMP
				142.58	323.92	58.98	337.53	117.94	348.41	258.25	226.81 PHASE
655	26.88	48.55	615	21.42	15.89	13.84	6.16	4.45	.83	.65	2.81 AMP
				144.67	328.63	55.55	348.16	132.79	6.63	265.35	242.19 PHASE
656	26.72	41.42	614	21.81	16.81	12.97	5.93	4.39	.66	.72	1.86 AMP
				145.78	331.44	58.28	352.68	146.21	14.62	278.51	249.64 PHASE
657	27.42	41.24	615	22.88	15.88	12.89	5.63	4.38	.64	.73	1.72 AMP
				139.81	318.48	39.45	327.54	115.12	346.52	231.31	281.92 PHASE
658	28.17	42.17	615	22.48	16.83	12.93	5.56	4.35	.47	.88	1.69 AMP
				139.28	318.56	37.98	324.48	119.87	342.71	228.22	197.61 PHASE
659	24.38	38.82	617	17.83	12.63	9.73	4.25	4.26	.98	.33	1.16 AMP
				144.84	331.43	49.93	334.83	86.87	339.11	253.28	211.11 PHASE
660	25.99	31.18	616	17.78	13.28	18.16	4.44	4.18	.95	.45	1.16 AMP
				148.89	325.65	36.21	319.62	76.57	321.36	228.89	198.83 PHASE
661	27.58	31.99	616	18.63	13.45	18.66	4.51	4.25	.95	.49	1.82 AMP
				145.51	336.48	48.93	348.58	182.39	344.86	268.26	234.86 PHASE
662	29.85	32.87	616	19.42	13.88	11.28	4.56	4.16	.81	.51	.88 AMP
				148.76	327.56	35.26	323.88	82.94	321.79	227.98	198.77 PHASE
663	38.61	33.58	618	28.42	14.81	11.55	4.38	3.98	.82	.55	.88 AMP
				136.62	321.25	23.71	387.38	65.53	297.87	211.29	159.67 PHASE
664	31.25	34.63	617	28.84	14.34	11.82	4.41	3.97	.75	.57	.79 AMP
				139.88	327.26	33.23	319.11	83.43	316.78	245.52	185.23 PHASE
665	31.99	35.88	615	21.25	14.52	11.77	4.18	4.85	.82	.63	.81 AMP
				139.86	329.18	34.98	319.88	84.42	314.88	249.26	184.45 PHASE
666	25.93	21.99	616	14.21	18.21	6.13	2.55	3.71	.51	.25	.59 AMP
				143.74	336.68	42.55	338.78	71.97	388.14	249.14	282.69 PHASE
667	27.58	22.51	616	14.85	18.55	6.45	2.69	3.59	.49	.25	.59 AMP
				147.11	346.89	58.91	358.28	93.41	331.65	272.56	237.88 PHASE
668	29.89	23.69	616	15.64	18.79	7.25	3.83	3.54	.51	.28	.56 AMP
				143.84	348.98	41.21	342.48	79.68	317.82	268.74	224.78 PHASE
669	38.69	25.64	616	16.56	11.38	8.38	3.24	3.83	.44	.21	.53 AMP
				138.63	338.84	25.98	321.48	53.52	278.85	213.11	169.54 PHASE
670	32.22	26.78	616	17.66	12.83	9.84	3.33	3.58	.53	.29	.65 AMP
				143.24	341.48	39.61	339.72	75.56	285.21	251.61	196.14 PHASE
671	33.96	28.11	616	18.78	12.56	9.58	3.46	3.61	.64	.39	.66 AMP
				137.43	332.86	24.12	319.88	54.11	247.93	235.46	159.99 PHASE
672	34.84	28.25	616	19.85	12.63	9.69	3.34	3.73	.62	.46	.77 AMP
				139.61	335.72	28.98	325.81	61.63	253.29	258.49	173.81 PHASE
673	29.17	17.65	616	12.94	8.99	4.41	2.18	2.34	.52	.29	.42 AMP
				142.53	331.52	25.83	329.37	78.14	243.37	229.59	194.58 PHASE
674	38.66	18.79	616	13.46	9.31	5.16	2.32	2.23	.48	.27	.43 AMP
				143.36	342.97	38.33	348.66	75.88	268.37	253.23	214.38 PHASE
675	32.13	28.46	615	14.47	9.83	5.95	2.42	2.49	.43	.25	.29 AMP
				145.84	343.23	33.31	352.62	78.51	278.27	288.91	219.21 PHASE
676	33.74	21.47	616	15.59	18.49	5.61	2.66	2.92	.48	.26	.37 AMP
				137.47	334.83	19.43	325.96	45.23	287.82	235.68	159.58 PHASE
677	35.29	22.98	616	16.59	11.84	7.84	2.96	3.14	.58	.38	.43 AMP
				133.51	339.88	25.84	331.57	57.58	214.47	265.66	178.95 PHASE
678	36.29	23.92	616	17.26	11.45	7.48	3.12	3.35	.68	.33	.51 AMP
				136.14	334.58	21.36	322.47	49.73	284.54	257.36	164.17 PHASE

TABLE VIII.- Continued

(f) Continued

CHORDWISE 37 PERCENT RADIUS												
PT NO	RUN NO	2#	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
653	25.3#	61.54	615	14.24	9.15	5.16	6.81	5.21	19.86	16.37	5.71	AMP
654	23.81	75.32	615	277.87	139.63	313.24	85.89	88.19	136.83	155.87	228.69	PHASE
655	22.86	85.74	615	17.79	13.84	18.21	8.23	3.39	29.85	21.22	7.82	AMP
656	21.22	92.15	614	287.42	139.41	388.98	63.43	65.17	189.53	123.28	194.19	PHASE
657	28.1#	93.7#	615	21.86	18.11	14.83	11.39	1.67	34.84	24.98	6.41	AMP
658	18.77	97.27	615	383.83	151.99	383.19	69.18	55.82	135.22	145.68	288.66	PHASE
659	23.39	47.96	617	24.64	28.51	16.18	13.49	1.15	35.77	25.28	5.56	AMP
660	23.26	55.18	616	312.44	157.82	386.21	76.23	352.84	158.97	161.79	212.88	PHASE
661	23.27	61.14	616	27.45	22.22	18.38	14.76	2.36	35.33	25.91	6.82	AMP
662	22.83	68.85	616	312.28	149.43	286.52	49.61	285.53	121.91	125.75	157.75	PHASE
663	21.98	79.81	616	31.27	24.18	28.86	15.98	3.88	38.18	27.65	6.41	AMP
664	21.35	84.87	617	318.21	152.54	286.24	48.71	286.81	138.89	138.64	152.93	PHASE
665	28.66	92.15	615	18.86	8.88	6.65	7.52	3.33	14.58	11.64	3.49	AMP
666	28.5#	28.68	616	275.84	133.38	285.52	65.78	3.83	117.27	124.45	157.82	PHASE
667	21.34	31.97	616	12.95	12.88	9.68	9.31	1.87	17.46	13.28	3.84	AMP
668	22.33	42.16	616	286.21	137.98	277.42	45.54	315.81	184.98	183.87	139.69	PHASE
669	23.28	57.88	616	16.79	15.96	12.82	12.78	4.81	17.49	14.94	3.78	AMP
670	23.68	76.19	616	389.64	155.89	288.89	63.87	389.51	142.56	137.48	176.66	PHASE
671	23.74	93.98	616	22.25	19.42	17.87	16.58	6.22	18.48	18.17	4.24	AMP
672	23.27	186.82	616	318.23	153.38	273.11	49.38	286.23	134.46	123.43	142.27	PHASE
673	19.48	26.19	616	38.58	22.59	22.27	19.59	6.89	21.92	19.17	5.53	AMP
674	21.22	35.99	616	325.27	153.45	265.88	38.38	283.45	133.74	189.16	115.58	PHASE
675	22.67	46.84	615	34.27	24.11	24.94	28.87	5.68	24.58	18.92	6.24	AMP
676	24.3#	71.6#	616	333.45	162.88	276.66	53.17	298.95	161.78	148.21	145.18	PHASE
677	25.32	91.75	616	38.33	25.32	27.71	21.98	5.21	24.98	19.14	6.89	AMP
678	25.6#	99.7#	616	326.47	168.68	278.67	55.85	299.33	178.32	145.23	145.87	PHASE
				7.44	5.22	3.68	6.66	3.31	3.99	5.64	1.65	AMP
				254.39	143.58	275.88	66.14	324.14	79.35	185.38	152.41	PHASE
				8.86	7.89	6.47	7.82	2.33	4.63	5.87	2.14	AMP
				279.76	163.58	285.76	74.95	314.11	123.67	133.86	184.67	PHASE
				11.13	11.61	8.82	11.57	4.27	9.42	7.87	1.98	AMP
				386.47	167.66	272.83	58.22	268.38	124.69	117.84	164.11	PHASE
				17.28	15.18	13.95	15.84	5.51	9.86	18.17	3.65	AMP
				323.78	162.18	251.73	36.46	255.25	153.14	96.48	117.79	PHASE
				25.61	17.69	19.28	19.45	5.71	11.25	9.95	4.82	AMP
				348.68	177.79	267.93	58.78	269.84	288.26	145.86	163.79	PHASE
				37.13	28.54	25.54	23.88	4.52	9.58	18.68	4.78	AMP
				342.57	175.75	255.29	39.83	243.24	163.68	115.68	138.28	PHASE
				43.48	21.18	28.88	23.94	5.42	7.67	18.95	4.98	AMP
				347.56	182.38	262.87	45.55	237.56	177.83	124.22	161.88	PHASE
				5.44	5.41	2.59	5.71	2.13	8.46	4.39	1.31	AMP
				253.33	188.92	254.86	59.14	254.38	33.62	95.78	138.89	PHASE
				6.32	8.29	5.86	8.24	3.42	13.39	5.94	.64	AMP
				293.77	198.59	255.43	45.63	231.13	93.96	91.94	143.56	PHASE
				11.41	11.87	9.56	12.88	5.16	9.98	6.75	2.28	AMP
				335.28	198.48	258.89	59.48	264.28	165.38	132.21	124.71	PHASE
				22.43	15.68	15.81	16.54	6.61	6.42	5.18	2.88	AMP
				345.37	198.53	241.64	34.76	228.82	227.65	98.74	117.48	PHASE
				34.15	18.84	28.65	19.14	8.68	7.14	5.32	2.99	AMP
				353.38	199.46	258.11	42.43	222.19	294.68	187.18	168.15	PHASE
				42.79	28.96	25.89	28.22	9.47	5.96	6.18	3.13	AMP
				354.55	198.29	247.93	32.91	285.71	388.88	91.19	154.47	PHASE

TABLE VIII.- Continued

(f) Continued

TORSION 36 PERCENT RADIUS												
RUN NO		2#										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
653	3.89	12.16	615	5.48	4.79	1.26	2.35	1.97	1.53	.88	1.86	AMP
654	1.64	11.98	615	296.83	125.85	121.75	314.88	39.41	147.77	357.23	76.18	PHASE
655	-.57	12.74	615	4.98	4.24	1.15	2.37	2.37	1.46	.85	.96	AMP
656	-1.65	12.88	614	388.57	118.97	116.54	291.83	12.74	127.58	337.82	47.33	PHASE
657	-2.79	12.97	615	4.99	3.92	1.83	2.49	2.74	1.33	.81	.88	AMP
658	-3.99	13.38	615	325.39	127.49	143.99	295.18	28.98	147.43	8.87	63.78	PHASE
659	3.18	9.96	617	5.13	3.79	1.87	2.49	2.89	1.24	.82	.83	AMP
660	1.89	9.94	616	333.68	133.58	161.68	298.33	44.15	161.91	22.25	72.23	PHASE
661	-.87	9.71	616	5.33	3.67	1.14	2.46	3.82	1.89	.79	.68	AMP
662	-3.89	18.12	616	335.93	121.88	154.87	275.18	14.98	126.86	334.38	17.82	PHASE
663	-5.48	18.88	616	5.75	3.59	1.33	2.58	3.25	1.84	.69	.59	AMP
664	-6.53	11.66	617	342.88	124.13	164.88	274.89	21.66	128.93	339.21	13.29	PHASE
665	-7.58	11.89	615	4.58	4.86	.39	2.19	1.81	1.81	.57	.45	AMP
666	2.22	7.49	616	282.52	182.51	23.82	286.15	.66	185.98	387.77	19.89	PHASE
667	.36	7.25	616	4.84	3.48	1.18	2.22	2.88	.93	.63	.47	AMP
668	-1.57	7.47	616	295.57	188.77	318.41	269.37	347.72	84.33	388.35	7.74	PHASE
669	-3.84	7.68	616	3.81	2.97	.34	2.16	2.35	.92	.64	.52	AMP
670	-6.86	8.39	616	317.78	114.68	277.48	289.83	16.88	118.78	351.25	71.51	PHASE
671	-8.48	9.83	616	3.99	2.59	.63	2.28	2.59	.93	.63	.36	AMP
672	-9.68	18.81	616	333.17	111.94	238.74	272.98	4.85	97.86	318.76	25.69	PHASE
673	-.61	6.58	616	4.71	2.48	1.86	2.35	2.78	.96	.59	.35	AMP
674	-2.52	5.83	616	346.86	114.75	221.22	262.95	358.89	81.58	257.98	321.43	PHASE
675	-4.58	5.77	615	5.25	2.48	1.26	2.48	2.88	1.87	.56	.42	AMP
676	-6.85	6.84	616	356.75	125.85	228.58	278.57	22.41	185.38	269.67	338.18	PHASE
677	-8.96	8.88	616	5.79	2.58	1.45	2.32	2.91	1.14	.51	.48	AMP
678	-18.26	9.52	616	2.18	131.48	233.51	284.83	29.63	111.82	261.17	345.98	PHASE
				3.89	2.85	.78	1.64	1.77	.88	.28	.31	AMP
				273.75	93.37	387.31	288.88	343.93	81.53	298.48	44.88	PHASE
				3.35	2.18	.95	1.68	1.75	.67	.26	.31	AMP
				298.45	184.61	382.36	293.45	3.98	184.36	352.53	182.22	PHASE
				3.84	1.69	1.81	1.58	2.85	.68	.36	.43	AMP
				387.48	186.78	274.56	279.34	354.73	182.92	339.26	69.79	PHASE
				3.17	1.38	1.19	1.64	2.16	.69	.47	.38	AMP
				328.98	188.28	248.96	262.82	343.11	88.78	257.53	15.33	PHASE
				3.97	1.41	1.49	1.77	2.84	.77	.59	.39	AMP
				352.84	136.62	268.58	284.48	19.17	125.91	266.14	21.37	PHASE
				5.13	1.54	1.87	1.88	2.26	1.82	.78	.48	AMP
				2.11	142.55	237.35	266.87	3.56	188.69	231.29	338.22	PHASE
				5.98	1.64	2.83	1.77	2.23	1.14	.76	.52	AMP
				8.32	158.18	241.11	276.78	14.95	124.47	244.76	352.43	PHASE
				2.58	1.22	1.37	1.16	1.66	.82	.38	.41	AMP
				271.88	85.85	281.18	275.53	348.88	62.98	358.66	31.77	PHASE
				2.82	.76	1.27	1.15	1.96	.66	.45	.38	AMP
				297.43	188.67	274.59	274.88	348.95	73.88	3.57	43.26	PHASE
				2.14	.53	1.49	1.28	1.99	.52	.24	.28	AMP
				333.71	138.19	274.57	285.15	18.63	85.26	7.98	44.51	PHASE
				3.87	.72	1.77	1.38	1.74	.48	.49	.31	AMP
				353.89	162.49	249.84	259.88	336.38	94.81	252.82	337.51	PHASE
				4.28	1.82	2.86	1.32	1.62	.65	.69	.37	AMP
				7.99	176.13	248.28	265.63	358.81	135.46	253.77	346.78	PHASE
				6.22	1.32	2.31	1.37	1.69	.81	.84	.49	AMP
				11.29	173.21	236.23	261.83	345.99	129.85	246.88	339.98	PHASE

TABLE VIII.- Continued

(f) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO		2#									
FT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
653	5.84	55.68	615	26.26	28.51	13.64	1.98	5.13	2.88	2.73	7.88 AMP
				141.23	336.81	57.57	23.62	297.58	186.38	61.86	262.65 PHASE
654	6.93	55.38	615	27.46	28.85	14.44	2.88	5.89	2.56	2.24	6.15 AMP
				137.48	325.21	41.87	2.83	271.79	149.68	23.75	228.81 PHASE
655	8.75	55.64	615	28.42	21.87	14.93	2.88	5.25	2.57	2.16	6.13 AMP
				148.38	329.48	47.62	11.48	285.59	165.19	36.28	243.84 PHASE
656	9.64	56.88	614	28.85	21.19	15.89	2.84	5.32	2.59	1.85	5.72 AMP
				141.79	331.96	51.26	13.25	293.16	176.49	36.41	251.29 PHASE
657	18.59	54.82	615	29.14	21.82	15.32	2.14	5.17	2.55	1.78	5.88 AMP
				135.88	319.88	33.38	351.68	263.32	138.28	357.63	281.89 PHASE
658	11.45	54.35	615	29.72	21.25	15.53	2.16	5.14	2.49	1.57	4.57 AMP
				135.73	319.88	32.77	358.73	264.25	138.64	349.86	198.77 PHASE
659	7.38	43.78	617	23.11	17.44	18.68	1.73	4.87	2.28	1.81	3.21 AMP
				136.77	338.75	43.88	349.68	263.22	143.19	45.82	211.48 PHASE
660	9.24	44.88	616	24.84	17.96	11.56	1.88	4.15	2.82	1.64	3.19 AMP
				133.97	325.36	31.35	341.28	248.98	128.19	28.39	198.13 PHASE
661	18.98	45.53	616	25.81	18.31	12.35	2.81	4.34	2.21	1.47	2.74 AMP
				139.48	335.88	45.36	1.68	272.95	146.38	53.98	232.29 PHASE
662	12.88	46.46	616	25.93	18.81	13.38	2.15	4.36	2.34	1.35	2.46 AMP
				135.67	326.55	33.44	344.65	253.48	119.66	28.37	199.32 PHASE
663	14.59	47.68	616	27.21	19.38	14.11	2.15	4.25	2.42	1.26	2.33 AMP
				132.66	319.73	24.72	329.56	238.26	185.11	353.75	162.41 PHASE
664	15.36	48.48	617	27.84	19.83	14.69	2.25	4.29	2.39	1.19	2.42 AMP
				136.11	326.18	34.28	341.47	256.55	127.54	18.64	189.89 PHASE
665	16.21	48.98	615	28.48	28.18	14.83	2.17	4.22	2.52	1.88	2.48 AMP
				136.62	327.71	37.17	343.32	258.24	133.67	15.81	185.74 PHASE
666	9.82	33.69	616	19.58	14.31	7.84	1.41	2.84	1.85	1.16	1.53 AMP
				136.81	333.64	37.98	315.88	255.41	138.95	47.83	284.98 PHASE
667	11.66	34.19	616	28.29	14.63	7.54	1.32	2.76	1.88	1.87	1.36 AMP
				148.13	342.75	48.23	335.25	277.51	157.57	76.53	237.58 PHASE
668	13.45	35.88	616	21.28	14.86	8.67	1.39	2.96	1.16	.64	1.34 AMP
				137.77	337.35	39.33	324.84	268.68	131.12	51.85	221.68 PHASE
669	15.24	37.48	616	22.53	15.32	18.36	1.43	3.14	1.41	.82	1.47 AMP
				133.49	326.62	25.44	386.42	237.87	187.28	12.40	171.98 PHASE
670	16.95	39.71	616	24.12	16.38	11.45	1.48	3.81	1.56	.92	1.73 AMP
				138.72	336.88	48.92	321.88	263.87	148.38	38.92	197.33 PHASE
671	19.81	41.32	616	25.53	16.97	12.78	1.39	3.82	1.45	.78	1.79 AMP
				134.23	327.44	27.79	385.83	242.19	115.56	341.62	163.78 PHASE
672	19.97	41.81	616	26.85	17.21	13.84	1.34	2.93	1.39	.57	1.92 AMP
				136.23	338.47	33.38	318.39	258.81	127.81	347.71	176.11 PHASE
673	14.21	27.53	616	17.67	12.35	5.13	1.36	1.91	.37	.29	.86 AMP
				135.68	334.92	23.84	388.35	258.77	139.37	48.78	188.18 PHASE
674	15.99	28.28	616	18.37	12.51	6.22	1.24	2.82	.68	.21	.67 AMP
				137.65	338.61	28.25	386.57	255.35	125.26	88.93	284.12 PHASE
675	17.74	29.86	615	19.69	12.94	7.37	1.14	2.14	.86	.24	.58 AMP
				148.45	343.28	37.67	318.12	278.55	158.83	28.44	185.81 PHASE
676	19.78	31.95	616	21.51	13.55	8.45	1.13	2.18	.78	.38	.61 AMP
				133.88	329.26	28.78	278.44	242.33	112.37	357.31	147.43 PHASE
677	21.45	34.36	616	23.82	14.83	9.36	1.81	2.15	.82	.48	.71 AMP
				136.81	333.57	38.26	275.71	258.55	121.82	342.88	159.79 PHASE
678	22.57	35.73	616	24.81	14.54	18.48	.98	2.11	.78	.32	1.88 AMP
				134.37	329.49	27.47	266.38	242.39	114.59	325.47	158.79 PHASE

TABLE VIII.- Continued

(f) Continued

CHORDWISE 51 PERCENT RADIUS											
RUN NO		2θ									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
653	7.34	62.18	615	15.78	9.68	4.18	5.94	5.18	28.19	19.39	7.41
				291.34	145.42	332.73	94.28	98.12	139.35	168.53	237.77
654	5.83	79.27	615	19.64	13.13	8.48	8.73	2.84	38.13	24.31	8.55
				295.87	143.25	315.85	67.61	77.91	111.85	129.28	287.57
655	4.31	91.41	615	23.98	16.48	11.88	12.59	.26	35.88	27.84	7.66
				306.88	154.24	316.97	72.38	88.62	137.17	151.43	221.89
656	3.49	101.33	614	26.43	18.38	13.64	14.86	1.52	37.68	28.87	6.35
				312.18	159.22	328.19	78.28	281.34	153.53	167.69	225.88
657	2.46	101.88	615	29.88	19.76	15.61	16.34	3.89	37.12	28.91	6.37
				309.78	149.92	388.33	51.46	257.88	124.71	131.74	166.95
658	1.24	108.62	615	32.38	21.28	18.88	17.77	4.61	48.86	38.94	6.78
				313.88	152.68	299.57	58.58	265.21	134.34	137.86	157.77
659	4.86	47.87	617	11.98	8.58	4.88	7.64	3.55	15.84	13.88	3.97
				291.18	143.28	298.88	69.16	355.46	128.19	129.92	169.81
660	4.68	55.59	616	14.74	11.92	7.36	18.88	2.85	18.87	15.38	4.14
				295.65	144.44	291.13	48.82	298.48	187.48	118.41	158.87
661	4.34	65.35	616	18.71	14.58	18.87	13.74	4.57	18.21	16.96	3.88
				311.89	159.95	382.97	67.19	382.89	145.25	143.33	183.56
662	3.59	78.77	616	23.51	17.39	13.68	17.72	6.72	19.38	28.92	4.25
				314.98	155.98	288.65	51.76	281.42	138.73	129.94	143.13
663	2.63	88.54	616	38.24	19.88	18.22	21.38	6.34	23.34	21.88	6.16
				318.95	154.74	279.81	39.44	276.89	139.32	114.95	112.17
664	1.88	88.48	617	33.32	21.18	28.88	22.86	5.95	26.39	21.61	6.95
				325.69	163.79	291.33	53.64	298.32	167.88	146.39	142.48
665	1.16	89.37	615	36.61	22.28	23.23	24.82	5.55	26.98	21.73	6.98
				328.38	169.84	292.68	56.22	298.16	176.57	151.66	142.18
666	2.82	27.41	616	7.77	5.53	2.29	6.92	3.73	3.93	6.43	1.64
				288.51	157.21	293.32	65.88	316.43	76.68	112.17	165.22
667	3.81	34.73	616	9.45	7.95	4.56	8.53	2.99	4.52	6.92	2.27
				296.43	172.36	299.96	75.93	387.21	121.77	141.88	198.63
668	3.37	41.15	616	12.88	11.85	6.47	12.36	5.11	9.84	8.68	2.83
				309.23	172.71	289.18	53.46	268.39	125.68	123.29	172.86
669	3.67	59.12	616	18.88	13.94	18.26	16.86	6.17	9.65	11.49	4.14
				318.26	165.55	266.34	38.12	252.81	158.34	182.32	117.81
670	3.48	72.38	616	24.75	16.87	14.62	28.72	6.41	12.68	11.13	4.84
				331.78	179.78	282.68	59.94	268.24	285.58	152.46	162.77
671	2.65	85.88	616	33.74	18.28	19.89	24.84	5.18	18.79	11.87	5.67
				333.88	176.38	269.88	48.19	238.91	172.83	123.41	136.31
672	1.91	92.42	616	38.43	18.78	22.85	25.97	5.93	4.96	11.86	5.86
				337.68	182.22	275.18	46.63	234.73	189.22	138.52	159.52
673	1.69	28.57	616	5.24	3.95	1.17	6.42	2.94	9.28	4.98	1.48
				281.18	183.88	203.13	56.81	254.27	32.13	186.38	137.66
674	2.55	36.67	616	7.19	3.42	3.89	9.14	4.27	14.33	6.37	.59
				392.15	193.23	277.66	47.89	236.67	94.86	97.77	155.94
675	3.83	47.31	615	12.35	11.43	6.46	13.78	6.81	18.42	7.58	2.92
				325.73	201.42	274.13	68.45	265.81	163.89	137.88	122.87
676	3.45	67.77	616	23.46	14.65	18.94	17.78	7.41	7.62	5.68	3.54
				334.44	191.23	255.58	35.41	222.82	231.36	185.36	115.45
677	3.42	78.52	616	29.22	17.22	15.55	28.56	9.36	8.45	5.52	3.68
				342.65	199.11	264.18	43.15	223.82	292.86	113.88	157.22
678	3.85	88.23	616	35.54	13.91	19.28	22.81	18.16	6.95	6.27	3.56
				344.38	197.43	261.65	34.18	285.94	388.19	96.51	151.82



TABLE VIII.- Continued

(f) Continued

TORSION 5% PERCENT RADIUS											
RUN NO		28									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
653	4.55	12.65	615	5.51	5.11	1.85	2.42	1.72	1.75	1.11	1.87 AMP
				299.86	132.99	158.42	343.62	67.87	178.83	36.68	158.88 PHASE
654	2.29	12.88	615	4.91	4.56	.91	2.36	2.86	1.68	1.87	1.86 AMP
				311.47	125.89	144.26	322.64	39.84	156.18	11.91	121.33 PHASE
655	.14	12.52	615	4.87	4.28	.98	2.34	2.39	1.57	.98	1.82 AMP
				328.65	134.17	178.68	328.61	54.35	176.36	48.61	139.66 PHASE
656	-1.82	13.81	614	4.99	4.85	1.82	2.24	2.51	1.51	.98	.97 AMP
				337.19	148.16	185.53	332.22	69.72	198.15	52.14	147.45 PHASE
657	-2.18	12.76	615	5.15	3.93	1.18	2.19	2.66	1.39	.96	.88 AMP
				339.73	129.31	174.27	388.47	48.28	155.83	3.44	93.69 PHASE
658	-3.33	13.87	615	5.55	3.86	1.42	2.17	2.91	1.48	.86	.68 AMP
				346.32	131.88	188.64	387.18	47.27	152.57	3.71	92.41 PHASE
659	3.55	18.35	617	4.58	4.54	.36	2.23	1.76	1.25	.66	.45 AMP
				287.17	111.45	49.86	317.83	26.66	141.17	358.76	98.54 PHASE
660	1.54	18.12	616	3.94	3.84	.12	2.19	1.97	1.13	.75	.51 AMP
				299.53	189.74	334.35	388.79	12.68	118.38	347.97	82.17 PHASE
661	-.36	9.86	616	3.68	3.38	.22	2.87	2.22	1.15	.76	.62 AMP
				322.44	123.58	281.15	322.15	48.37	153.26	37.37	134.75 PHASE
662	-2.53	18.89	616	3.85	2.97	.48	1.99	2.44	1.17	.73	.42 AMP
				338.77	121.18	235.23	386.48	27.89	132.48	355.85	88.45 PHASE
663	-4.79	11.28	616	4.68	2.78	.88	2.88	2.59	1.22	.68	.39 AMP
				353.12	123.74	219.55	294.78	28.98	117.88	382.27	14.43 PHASE
664	-5.87	11.51	617	5.13	2.86	1.87	2.11	2.76	1.33	.67	.48 AMP
				3.34	134.46	226.84	318.88	44.41	142.11	313.25	33.56 PHASE
665	-6.86	12.17	615	5.68	2.88	1.21	2.84	2.81	1.41	.61	.47 AMP
				8.88	139.29	229.44	314.83	51.23	147.25	387.29	41.33 PHASE
666	2.73	7.83	616	3.78	3.32	.63	1.78	1.82	.93	.36	.38 AMP
				279.83	181.62	332.44	311.42	12.33	115.78	353.47	118.26 PHASE
667	.86	7.46	616	3.16	2.63	.74	1.78	1.78	.78	.37	.48 AMP
				297.23	112.68	322.75	324.72	31.22	138.49	39.46	165.62 PHASE
668	-1.87	7.54	616	2.89	2.85	.74	1.55	2.88	.88	.47	.47 AMP
				315.52	115.28	289.88	312.64	28.17	135.99	15.36	129.13 PHASE
669	-3.26	7.78	616	3.86	1.69	.88	1.51	2.15	.83	.56	.39 AMP
				338.82	117.56	256.89	294.88	6.91	114.63	381.82	67.49 PHASE
670	-5.42	8.51	616	3.92	1.78	1.15	1.63	2.18	.94	.73	.45 AMP
				2.88	143.84	264.85	315.89	41.71	159.28	318.71	67.87 PHASE
671	-7.82	18.47	616	5.15	1.88	1.68	1.66	2.33	1.17	.85	.53 AMP
				18.82	158.89	248.49	296.61	25.62	141.81	273.85	24.58 PHASE
672	-8.98	11.86	616	5.93	1.89	1.63	1.63	2.31	1.29	.93	.59 AMP
				16.89	159.38	244.43	387.59	36.52	155.86	285.92	48.18 PHASE
673	-.15	6.24	616	2.27	1.69	1.81	1.23	1.69	.88	.43	.49 AMP
				282.36	91.61	293.46	384.78	9.22	93.52	27.24	83.89 PHASE
674	-2.81	5.69	616	1.89	1.14	.89	1.16	1.89	.74	.52	.45 AMP
				311.95	184.52	289.84	386.15	16.28	103.85	39.14	97.23 PHASE
675	-3.95	5.54	615	2.18	.79	1.85	1.97	.58	.31	.33	.33 AMP
				347.89	133.29	285.93	316.28	35.54	118.33	34.48	85.85 PHASE
676	-6.24	6.47	616	3.19	.83	1.26	1.23	1.82	.47	.59	.48 AMP
				4.26	159.39	258.35	289.52	2.16	124.68	291.18	15.78 PHASE
677	-8.32	8.78	616	4.45	1.15	1.57	1.25	1.88	.77	.85	.49 AMP
				16.76	188.33	254.98	296.86	17.28	161.42	288.28	25.64 PHASE
678	-9.65	18.82	616	5.44	1.48	1.81	1.29	1.88	.96	1.82	.59 AMP
				19.28	181.69	243.85	293.72	12.59	156.64	288.46	25.34 PHASE

TABLE VIII.- Continued

(f) Continued

FLAPWISE 77 PERCENT RADIUS											
RUN NO		28									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
653	-13.15	53.34	615	31.45	28.82	12.42	7.76	6.53	3.86	3.25	8.68 AMP
654	-18.14	54.48	615	133.16	332.13	25.98	186.99	318.47	22.42	275.86	79.89 PHASE
655	-7.86	56.83	615	31.33	21.31	12.97	7.51	6.98	3.33	2.62	7.33 AMP
656	-5.34	56.98	614	133.81	322.89	11.21	169.87	298.34	351.38	248.63	45.34 PHASE
657	-3.84	56.77	615	31.77	21.49	13.51	7.33	7.17	3.32	2.28	7.51 AMP
658	-2.27	57.78	615	138.87	329.26	18.69	179.82	386.76	5.58	266.36	57.94 PHASE
659	-18.37	45.58	617	32.17	21.66	13.85	6.99	7.25	3.39	1.74	6.98 AMP
660	-7.47	46.17	616	141.31	333.78	23.41	182.93	321.62	12.95	278.23	65.55 PHASE
661	-4.79	48.26	616	31.97	21.84	14.88	6.33	7.53	3.45	1.86	6.82 AMP
662	-1.64	58.31	616	137.31	321.38	4.58	158.18	291.45	327.98	242.33	13.48 PHASE
663	1.64	52.19	616	32.59	22.12	14.28	6.13	7.86	3.63	1.74	5.48 AMP
664	3.87	54.58	617	138.54	322.62	4.64	154.13	295.63	323.92	243.12	9.48 PHASE
665	4.44	54.99	615	27.93	18.37	8.66	5.77	7.34	1.95	2.39	4.12 AMP
666	-7.65	38.46	616	129.29	323.25	5.46	178.24	268.92	322.74	243.82	38.11 PHASE
667	-4.61	39.81	616	28.28	18.68	9.25	6.83	7.15	2.83	2.87	4.23 AMP
668	-1.91	41.16	616	129.19	328.58	357.85	153.82	252.83	381.59	224.44	8.47 PHASE
669	1.14	44.19	616	28.44	19.89	9.78	6.12	7.67	2.88	1.73	3.64 AMP
670	4.28	45.69	616	137.61	331.88	18.74	176.33	277.91	331.29	268.88	51.15 PHASE
671	7.66	49.16	616	28.79	19.73	18.52	6.18	7.69	2.26	1.53	3.29 AMP
672	9.26	58.65	616	137.81	324.55	359.82	168.22	268.17	299.37	226.31	18.85 PHASE
673	-1.93	33.77	616	29.58	28.66	18.94	5.62	7.55	2.33	1.45	3.16 AMP
674	1.13	36.59	616	136.77	319.65	351.58	143.97	244.68	279.89	195.18	348.14 PHASE
675	3.76	38.11	615	38.88	21.39	11.48	5.37	7.72	2.53	1.48	3.24 AMP
676	6.99	48.86	616	141.74	326.89	2.17	155.48	264.31	299.38	216.26	5.62 PHASE
677	9.98	44.86	616	38.58	22.84	11.33	4.93	8.83	2.49	1.25	3.38 AMP
678	11.83	46.24	616	143.72	328.76	4.66	158.84	265.68	388.28	216.21	2.88 PHASE
				25.25	14.63	4.87	4.63	7.62	.52	1.42	1.98 AMP
				128.48	326.52	354.74	169.92	244.16	282.96	226.87	27.27 PHASE
				25.56	14.85	5.29	5.88	7.41	.52	1.28	1.78 AMP
				135.56	338.18	7.57	186.92	266.18	314.11	255.91	58.24 PHASE
				26.82	15.27	6.12	5.46	7.35	.61	.75	1.88 AMP
				135.69	335.54	2.41	174.29	253.88	279.24	222.58	42.93 PHASE
				26.48	15.98	7.38	5.39	7.77	.79	.91	1.92 AMP
				134.25	326.64	353.25	158.98	229.81	267.87	198.27	352.47 PHASE
				27.59	17.39	8.28	5.37	7.21	.96	.98	2.29 AMP
				142.47	337.81	11.14	168.33	254.39	321.61	288.26	14.94 PHASE
				28.77	18.64	9.15	5.39	7.33	.79	.75	2.42 AMP
				141.15	329.96	359.77	143.98	234.86	318.83	149.97	341.23 PHASE
				29.22	19.17	9.39	5.28	7.57	.88	.61	2.59 AMP
				144.72	333.64	6.11	149.87	242.95	326.87	147.18	352.49 PHASE
				23.14	12.24	3.72	3.61	5.66	.48	.17	1.22 AMP
				138.97	332.64	331.12	168.48	243.98	14.78	262.82	358.47 PHASE
				23.48	12.55	4.28	4.15	5.59	.35	.25	1.83 AMP
				135.84	339.12	343.36	171.64	251.99	358.25	316.58	28.46 PHASE
				24.17	13.21	4.97	4.49	6.84	.52	.18	.81 AMP
				141.41	345.94	1.82	181.84	257.86	334.84	177.92	2.92 PHASE
				25.47	14.39	5.67	4.94	6.57	.58	.32	.86 AMP
				137.82	333.54	358.14	148.87	221.83	381.22	168.88	324.59 PHASE
				26.57	15.56	6.38	5.29	6.73	.87	.44	1.88 AMP
				142.77	338.29	3.28	149.88	233.78	333.11	139.21	335.81 PHASE
				27.48	16.58	7.33	5.43	6.97	.95	.42	1.46 AMP
				142.96	334.76	2.69	139.71	226.66	338.41	117.39	336.37 PHASE

TABLE VIII.- Continued

(f) Continued

CHORDWISE 77 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
653	-14.76	35.49	615	7.48	6.32	7.17	3.45	2.21	7.56	7.99	1.17 AMP
654	-14.22	48.35	615	151.71	338.85	38.39	142.49	327.76	124.55	161.18	199.91 PHASE
655	-12.98	41.15	615	6.43	5.55	8.33	4.88	2.98	11.62	9.71	1.63 AMP
656	-12.83	44.47	614	156.84	316.93	8.33	184.96	278.27	99.18	128.33	198.65 PHASE
657	-11.18	42.93	615	5.19	4.84	9.28	5.23	4.26	13.73	11.82	9.86 AMP
658	-18.68	44.34	615	166.96	318.22	9.62	97.95	285.29	127.25	149.74	288.36 PHASE
659	-14.58	25.49	617	4.48	4.47	9.78	6.13	5.85	14.25	11.81	1.48 AMP
660	-14.52	27.48	616	172.88	321.72	11.44	98.82	292.95	144.61	165.83	161.11 PHASE
661	-14.21	33.87	616	3.61	4.17	18.24	6.71	5.88	13.73	11.31	.86 AMP
662	-12.84	35.33	616	176.57	385.31	358.57	67.87	261.87	117.35	138.51	183.88 PHASE
663	-11.29	41.28	616	2.78	4.88	18.95	7.36	6.67	14.71	12.86	1.16 AMP
664	-18.26	43.86	617	189.17	382.89	347.46	64.39	264.97	129.11	136.41	182.14 PHASE
665	-9.59	45.44	615	7.86	5.51	6.19	3.12	4.11	5.32	5.87	1.18 AMP
666	-13.27	21.82	616	141.66	318.22	7.36	182.88	276.37	113.38	131.62	111.89 PHASE
667	-12.82	21.34	616	6.14	4.61	6.87	4.81	4.61	6.47	6.37	1.82 AMP
668	-13.67	26.72	616	143.32	312.82	353.75	75.11	251.21	181.82	111.28	87.78 PHASE
669	-13.64	22.69	616	4.71	4.13	6.89	5.36	6.84	6.64	6.99	1.15 AMP
670	-12.88	29.27	616	152.78	319.86	3.83	85.88	275.99	139.88	141.67	117.48 PHASE
671	-11.28	36.31	616	3.82	3.81	8.83	7.83	7.85	7.88	8.76	1.57 AMP
672	-18.81	36.23	616	158.17	387.69	346.48	63.88	257.97	136.22	126.59	86.11 PHASE
673	-2.74	28.18	616	1.85	3.79	9.55	8.71	6.78	9.83	9.28	2.21 AMP
674	-12.41	28.26	616	189.12	297.78	332.26	47.83	245.31	148.18	112.47	78.85 PHASE
675	-12.90	21.18	615	268.81	382.72	341.81	68.24	261.79	169.46	144.26	185.89 PHASE
676	-13.23	24.82	616	1.56	4.23	11.13	9.93	6.85	18.88	9.15	2.43 AMP
677	-12.51	29.75	616	297.51	299.51	339.99	61.84	262.73	178.61	149.85	186.77 PHASE
678	-11.48	29.84	616	7.24	4.73	3.15	2.46	4.68	1.14	2.75	.46 AMP
				139.47	314.99	7.88	95.23	268.59	68.43	117.38	85.51 PHASE
				6.59	4.28	3.62	2.97	4.82	1.35	2.96	.69 AMP
				146.68	322.72	9.98	188.34	273.16	111.78	145.32	135.67 PHASE
				5.32	3.78	4.38	4.15	5.98	3.53	3.63	.78 AMP
				146.58	313.64	357.91	69.77	254.23	128.13	122.58	185.85 PHASE
				3.36	3.44	5.35	6.23	6.63	3.82	4.93	1.61 AMP
				143.65	298.98	337.12	48.38	233.38	162.13	99.88	78.66 PHASE
				1.24	3.84	6.67	7.92	6.64	5.39	4.81	1.68 AMP
				158.88	388.98	346.47	68.13	255.21	289.42	149.38	129.44 PHASE
				1.58	4.47	8.33	9.91	6.31	4.56	5.85	1.84 AMP
				323.18	296.88	327.59	46.33	238.12	177.25	118.99	184.94 PHASE
				3.86	4.85	9.23	18.47	6.66	3.91	4.95	1.73 AMP
				327.89	388.42	329.88	52.86	234.81	196.71	124.85	132.82 PHASE
				6.76	4.88	2.47	2.11	4.88	3.95	2.22	.46 AMP
				142.33	373.81	353.59	72.83	243.56	21.54	183.46	78.82 PHASE
				5.75	3.82	3.85	2.95	4.67	5.72	2.65	.39 AMP
				147.78	397.17	353.27	50.94	241.63	84.19	91.41	35.73 PHASE
				4.24	3.75	3.68	4.75	5.75	3.89	3.21	1.34 AMP
				150.05	303.53	352.35	69.26	257.38	166.83	131.31	94.79 PHASE
				1.85	1.28	4.61	6.48	6.59	3.72	2.35	1.35 AMP
				132.67	288.18	324.27	43.38	219.82	231.74	182.56	92.69 PHASE
				1.81	4.85	5.66	7.93	7.48	4.32	2.25	1.18 AMP
				3.64	297.12	323.22	51.26	224.85	284.86	188.37	141.24 PHASE
				2.72	5.48	5.86	8.71	7.73	3.78	2.52	.94 AMP
				345.82	285.58	313.89	42.54	218.91	288.15	89.28	128.26 PHASE

TABLE VIII.- Continued

(f) Continued

TORSION 75 PERCENT RADIUS											
RUN NO		2#									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
653	2.44	12.64	615	5.3#	5.3#	.57	1.66	1.25	1.48	.92	.73
				287.34	126.31	215.3#	7.36	46.46	194.24	79.22	187.72
654	.52	12.43	615	4.43	4.68	.52	1.69	1.3#	1.4#	.85	.65
				296.48	128.42	218.89	352.2#	18.12	163.47	41.17	147.84
655	-1.25	11.98	615	4.84	4.52	.66	1.63	1.38	1.42	.86	.78
				313.26	138.37	221.54	4.85	23.54	188.15	63.18	167.89
656	-2.2#	11.91	614	3.92	4.34	.77	1.53	1.29	1.43	.81	.71
				322.41	137.25	221.54	11.73	32.82	189.82	68.65	175.38
657	-3.13	11.74	615	3.79	4.19	.87	1.45	1.38	1.36	.81	.59
				325.97	127.94	197.2#	361.87	3.86	149.72	25.82	116.69
658	-4.83	11.34	615	3.89	4.1#	1.81	1.39	1.43	1.35	.8#	.49
				335.81	132.3#	192.85	352.64	9.84	146.87	23.36	188.51
659	1.72	18.98	617	4.62	4.61	.15	1.63	1.29	1.15	.67	.32
				274.58	111.31	272.88	342.21	3.87	155.19	54.66	118.57
660	-.84	9.81	616	3.82	4.84	.3#	1.63	1.33	1.83	.71	.32
				283.12	111.51	251.48	329.73	345.92	138.2#	28.55	96.38
661	-1.65	9.61	616	3.24	3.63	.35	1.62	1.44	1.13	.76	.33
				383.28	127.84	244.88	355.21	9.58	162.16	69.94	134.41
662	-3.47	9.11	616	2.94	3.32	.65	1.51	1.53	1.18	.66	.26
				328.62	127.87	214.12	342.92	353.17	135.13	37.14	66.8#
663	-5.38	9.24	616	3.2#	3.21	.74	1.39	1.6#	1.23	.57	.34
				348.84	132.58	194.29	329.41	343.7#	115.28	.76	354.88
664	-6.28	18.3#	617	3.63	3.27	.83	1.34	1.67	1.3#	.51	.39
				354.86	143.55	198.14	344.18	5.69	135.27	25.48	15.36
665	-7.87	18.7#	615	3.9#	3.32	.83	1.27	1.69	1.32	.45	.4#
				1.82	148.97	198.11	348.69	12.91	138.19	28.87	24.12
666	1.14	8.2#	616	3.96	3.4#	.36	1.34	1.19	.66	.42	.88
				267.5#	185.79	387.55	329.18	356.53	132.19	29.98	76.19
667	-.48	6.64	616	3.24	2.78	.49	1.39	1.16	.68	.42	.12
				281.58	121.16	296.41	345.88	14.27	152.66	68.58	183.28
668	-2.16	6.39	616	2.63	2.36	.58	1.37	1.2#	.78	.35	.14
				295.53	128.94	269.24	337.28	359.12	132.76	24.87	144.68
669	-4.85	6.85	616	2.3#	2.17	.64	1.26	1.37	.8#	.35	.86
				318.88	133.52	223.35	328.76	343.57	188.53	336.58	16.81
670	-5.89	7.77	616	2.7#	2.3#	.77	1.18	1.36	.87	.37	.2#
				351.28	187.55	238.75	338.67	12.9#	144.16	351.62	34.68
671	-7.85	8.84	616	3.62	2.57	.98	1.14	1.45	.98	.38	.26
				7.56	168.68	285.88	316.21	356.31	119.54	289.87	347.85
672	-8.81	9.63	616	4.27	2.71	1.84	1.1#	1.45	1.83	.42	.31
				15.64	168.59	286.44	324.38	7.7#	132.84	293.61	4.89
673	-1.22	4.76	616	2.63	1.82	.43	1.86	.87	.44	.25	.31
				278.14	186.39	281.86	328.65	357.35	185.94	9.38	67.82
674	-2.83	4.46	616	1.81	1.46	.39	1.85	.92	.58	.27	.23
				298.49	138.57	268.92	327.88	.63	189.16	12.38	83.47
675	-4.58	4.46	615	1.59	1.48	.54	.99	1.14	.51	.27	.21
				328.75	159.11	258.87	348.54	17.61	127.37	7.94	47.15
676	-6.48	5.59	616	2.23	1.78	.68	.99	1.2#	.51	.38	.28
				357.84	167.27	219.36	388.38	346.98	187.48	281.60	328.78
677	-8.21	7.24	616	3.21	2.12	.98	.99	1.21	.66	.47	.36
				15.42	188.28	216.27	318.68	1.57	129.82	271.51	352.79
678	-9.29	8.24	616	4.82	2.44	1.87	1.83	1.28	.73	.53	.33
				19.69	179.93	284.26	383.36	355.42	123.73	261.75	351.87

TABLE VIII.- Continued

(f) Concluded

PITCH LINK											
RUN NO		2#									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
653	-3.87	12.74	615	3.44	2.81	2.14	3.25	3.89	1.56	.23	2.68 AMP
				123.55	338.99	257.72	168.51	265.83	359.13	133.41	265.96 PHASE
654	-1.96	13.33	615	2.72	2.48	1.94	3.47	3.78	1.65	.16	2.18 AMP
				146.24	344.23	242.54	137.19	237.27	341.89	288.18	237.86 PHASE
655	-.18	15.23	615	2.81	2.39	1.55	3.78	4.44	1.52	.24	2.18 AMP
				175.88	1.58	242.12	148.16	251.79	355.55	388.88	246.67 PHASE
656	.95	16.19	614	3.15	2.47	1.32	3.82	4.71	1.39	.43	2.13 AMP
				187.77	18.51	242.71	143.33	265.18	9.22	381.78	255.81 PHASE
657	1.95	16.66	615	3.73	2.58	1.88	3.88	4.93	1.25	.34	1.98 AMP
				192.36	.87	219.17	118.28	234.78	336.32	258.73	281.34 PHASE
658	2.99	17.61	615	4.34	2.66	.77	3.92	5.29	1.34	.52	1.86 AMP
				199.29	5.77	282.14	117.28	239.23	331.54	268.55	197.83 PHASE
659	-2.48	9.29	617	2.72	1.77	2.16	2.67	2.72	.68	.65	1.82 AMP
				81.68	315.41	198.98	134.76	226.51	312.24	95.87	216.39 PHASE
660	-.78	9.49	616	1.79	1.29	1.99	2.95	3.24	.88	.97	1.97 AMP
				185.88	331.25	179.93	116.43	287.95	289.17	76.85	195.83 PHASE
661	.84	18.71	616	1.28	1.17	2.18	3.83	3.83	.76	.14	.64 AMP
				151.22	2.62	187.19	133.27	236.14	321.47	183.52	246.98 PHASE
662	2.61	11.66	616	1.81	1.33	1.97	3.22	4.28	.66	.19	.74 AMP
				197.86	16.48	163.87	117.41	222.38	318.23	181.76	194.91 PHASE
663	4.63	11.86	616	3.15	1.79	2.85	3.58	4.46	.75	.54	.98 AMP
				213.52	21.87	136.56	187.95	214.72	388.47	43.82	151.68 PHASE
664	5.48	13.33	617	4.12	2.82	2.87	3.58	4.71	.99	.67	.99 AMP
				219.74	38.52	137.45	123.58	235.56	323.88	62.35	181.53 PHASE
665	6.31	14.96	615	5.83	2.27	2.28	3.44	4.73	1.89	.81	.95 AMP
				222.45	35.58	131.47	127.48	248.31	329.41	49.47	181.75 PHASE
666	-1.31	7.91	616	2.77	.79	2.31	1.87	2.57	.65	.49	.64 AMP
				55.77	332.52	165.34	132.17	285.99	291.63	74.68	236.41 PHASE
667	.27	7.76	616	1.75	.68	2.48	2.76	2.76	.71	.48	.41 AMP
				59.25	31.79	169.58	148.97	222.23	388.65	72.92	274.86 PHASE
668	1.98	9.48	616	.58	.87	2.27	2.11	3.41	.64	.89	.47 AMP
				49.82	58.84	153.88	124.66	212.12	319.99	358.67	269.96 PHASE
669	3.84	8.89	616	.98	1.24	2.32	2.37	3.65	.62	.39	.45 AMP
				223.19	44.95	138.39	188.86	198.81	385.51	48.75	197.85 PHASE
670	5.59	18.76	616	2.56	1.72	2.56	2.53	3.39	.72	.74	.71 AMP
				228.18	57.81	135.72	135.14	231.98	358.63	64.78	286.88 PHASE
671	7.68	13.53	616	4.65	2.28	3.81	2.75	3.74	1.18	.65	.93 AMP
				226.64	47.63	186.84	119.22	213.19	338.66	48.79	176.98 PHASE
672	8.62	14.64	616	5.83	2.48	3.28	2.76	3.78	1.48	.71	1.82 AMP
				226.66	58.33	186.51	129.86	222.99	343.45	64.34	186.24 PHASE
673	1.53	8.65	616	2.56	.89	2.76	1.25	2.44	.94	.17	.65 AMP
				19.95	78.85	139.21	123.85	194.87	275.26	236.17	235.39 PHASE
674	3.15	9.25	616	1.38	1.36	2.49	1.45	3.88	.84	.45	.52 AMP
				5.25	79.83	138.82	119.91	288.87	291.17	237.88	257.86 PHASE
675	4.81	8.93	615	1.17	1.76	2.64	1.76	3.14	.65	.32	.34 AMP
				297.35	88.14	139.58	135.15	223.17	384.43	315.51	258.65 PHASE
676	6.78	9.96	616	2.78	2.21	3.18	1.96	2.92	.49	.22	.55 AMP
				258.89	62.27	187.58	115.89	198.89	314.18	53.59	182.84 PHASE
677	8.55	11.47	616	4.88	2.64	3.57	2.88	2.82	.98	.42	.67 AMP
				241.47	61.54	182.66	127.69	282.23	354.44	77.84	191.74 PHASE
678	9.62	13.33	616	6.81	2.95	3.98	2.16	2.93	1.16	.58	.92 AMP
				235.87	53.72	89.99	122.48	195.76	339.73	98.94	184.68 PHASE

TABLE VIII.- Continued

(g)  $\mu = 0.40$ ;  $M_T = 0.68$ 

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CE/SIGMA
693	.2	2.5	2.0	.02002	.00302	.00155
694	-.1	3.7	3.9	.03370	.00287	.00170
695	-.5	5.2	6.0	.04604	.00244	.00200
696	-.9	6.3	7.9	.05821	.00229	.00249
697	-1.4	7.5	9.8	.07007	.00188	.00309
698	.3	2.5	3.9	.01059	.00231	.00189
699	-.1	3.7	6.0	.02412	.00080	.00248
700	-.5	4.9	7.9	.03520	-.00034	.00311
701	-1.0	6.0	9.9	.04761	-.00168	.00380
702	-1.6	7.2	11.9	.06024	-.00316	.00473
703	-2.2	8.4	13.8	.07182	-.00478	.00573
704	-.1	4.0	7.9	.01348	.00129	.00241
705	-.4	5.3	10.0	.02746	-.00155	.00356
706	-1.1	6.4	11.9	.03838	-.00368	.00453
707	-1.5	7.7	13.9	.04997	-.00617	.00574
708	-2.3	8.6	15.9	.06293	-.00883	.00719
709	-2.5	9.0	16.9	.06917	-.00994	.00805
710	-2.9	9.6	17.9	.07599	-.01159	.00889

TABLE VIII.- Continued

(g) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO 21											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
693	48.68	38.83	658	14.84	18.89	18.32	7.82	9.84	3.16	4.49	5.57 AMP
				155.98	333.82	63.69	2.26	121.78	7.59	231.33	61.61 PHASE
694	42.17	39.29	658	14.71	18.59	18.12	7.41	9.74	3.13	4.42	5.92 AMP
				158.25	322.87	46.19	342.81	94.88	335.28	281.15	21.28 PHASE
695	43.79	39.54	658	15.88	18.47	9.97	7.26	18.26	2.68	3.81	5.89 AMP
				148.76	322.88	41.31	334.38	98.59	339.45	288.93	18.52 PHASE
696	45.19	38.52	649	15.34	18.84	9.76	7.53	18.34	2.35	2.44	5.91 AMP
				158.42	328.81	48.71	345.86	187.82	357.69	222.12	47.99 PHASE
697	46.61	37.68	649	15.38	18.77	9.57	7.43	18.64	2.29	1.54	4.94 AMP
				144.55	321.68	34.48	326.23	88.98	327.84	188.68	23.25 PHASE
698	48.92	27.95	658	12.93	8.32	7.25	3.64	7.88	2.85	2.94	2.68 AMP
				154.49	331.35	27.57	328.98	67.28	321.64	218.85	13.42 PHASE
699	42.75	28.28	658	13.24	8.82	7.74	4.28	8.32	2.83	2.78	2.61 AMP
				155.64	336.27	31.43	333.86	72.64	329.89	236.61	31.89 PHASE
700	44.23	29.69	651	13.75	9.48	7.89	5.84	9.18	2.71	2.58	2.85 AMP
				154.58	337.46	27.81	332.59	73.51	324.73	238.82	47.28 PHASE
701	45.89	29.78	658	13.98	9.41	8.31	5.58	9.58	2.58	2.35	2.99 AMP
				148.73	338.73	16.67	317.88	68.49	384.65	221.89	33.64 PHASE
702	47.58	29.43	658	13.85	9.58	8.36	5.69	9.72	2.94	1.74	2.28 AMP
				146.74	333.44	18.34	318.38	69.62	388.58	228.53	48.34 PHASE
703	49.83	28.18	658	13.89	9.55	8.17	5.68	9.65	3.23	1.12	1.58 AMP
				138.74	325.43	7.79	297.89	51.74	298.58	282.12	14.64 PHASE
704	43.12	23.67	649	11.92	7.71	4.79	2.28	1.78	1.78	1.89	1.89 AMP
				158.25	339.38	13.69	351.74	58.78	331.28	248.62	15.18 PHASE
705	45.88	24.86	658	12.16	7.88	5.25	3.21	7.45	1.65	1.64	1.52 AMP
				154.26	337.99	8.78	339.13	47.38	388.82	244.68	38.94 PHASE
706	46.48	25.88	658	12.28	8.13	5.68	3.83	7.76	1.87	1.49	1.78 AMP
				151.32	338.92	7.28	336.23	58.18	382.21	237.39	38.17 PHASE
707	48.87	25.34	658	12.37	8.71	5.66	4.44	7.63	1.98	1.22	1.37 AMP
				147.68	343.39	4.89	334.81	53.97	382.83	226.43	48.25 PHASE
708	49.89	24.55	658	12.12	8.98	5.47	4.67	8.87	1.91	1.46	1.46 AMP
				139.06	334.82	35.28	318.98	42.83	285.56	196.91	19.18 PHASE
709	58.84	25.21	658	12.08	9.33	5.49	4.98	8.28	1.95	1.56	1.34 AMP
				134.53	333.73	345.28	312.39	38.48	276.28	182.81	18.91 PHASE
710	51.92	24.99	651	11.94	9.49	5.18	4.78	8.22	1.86	1.45	1.31 AMP
				129.22	332.88	348.12	387.35	39.97	288.47	188.83	2.67 PHASE

CHORDWISE 25 PERCENT RADIUS											
RUN NO 21											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
693	63.33	55.97	658	18.68	18.98	6.12	9.12	4.29	8.48	6.82	1.79 AMP
				269.54	145.69	288.88	85.74	2.81	87.89	131.64	94.81 PHASE
694	61.78	68.29	658	21.71	14.96	18.51	18.38	5.45	11.66	9.89	1.37 AMP
				277.48	141.58	275.85	59.88	342.78	68.83	94.59	79.63 PHASE
695	59.52	69.32	658	25.87	19.55	14.71	9.85	5.76	14.28	18.65	1.88 AMP
				292.59	144.88	276.83	43.75	342.94	52.34	92.13	187.19 PHASE
696	57.73	88.44	649	31.33	25.53	18.33	12.88	4.97	16.74	12.62	1.69 AMP
				318.53	156.15	284.98	49.67	338.31	88.18	117.52	156.97 PHASE
697	55.92	86.17	649	39.17	29.42	22.82	13.35	6.26	19.28	14.33	2.21 AMP
				328.79	154.51	272.48	28.47	298.27	98.18	182.68	152.48 PHASE
698	68.77	49.69	658	17.15	9.43	6.96	9.64	7.66	5.46	3.83	.91 AMP
				268.84	135.36	256.61	78.83	388.83	58.94	68.28	29.21 PHASE
699	61.25	52.35	658	18.13	12.34	11.17	18.85	7.73	7.17	5.29	.95 AMP
				278.68	144.42	268.87	67.57	324.32	65.26	83.56	72.35 PHASE
700	62.12	61.78	651	22.12	17.78	13.91	12.21	8.52	7.16	6.25	.48 AMP
				294.16	152.17	278.43	54.25	294.21	71.96	98.33	96.88 PHASE
701	62.85	76.81	658	27.59	23.46	18.89	14.89	18.49	9.38	7.65	1.67 AMP
				389.76	158.74	255.98	38.97	278.12	84.58	71.85	139.82 PHASE
702	61.93	87.99	658	36.28	26.25	23.21	15.95	18.53	12.83	8.62	2.24 AMP
				325.71	168.42	258.76	43.41	298.78	111.58	91.98	168.89 PHASE
703	61.27	95.78	658	45.83	29.57	28.98	16.74	9.41	16.22	9.54	2.25 AMP
				338.48	157.95	247.37	26.55	268.93	181.93	75.74	135.88 PHASE
704	59.22	39.67	649	13.96	8.78	7.88	18.23	6.35	1.73	2.89	.46 AMP
				262.24	168.24	249.29	75.52	291.67	23.86	69.98	47.27 PHASE
705	61.58	51.42	658	16.36	14.88	18.72	12.29	7.94	3.62	4.83	.68 AMP
				298.53	157.38	249.54	44.81	259.21	31.89	52.98	163.91 PHASE
706	63.33	64.12	658	21.83	17.89	15.33	15.89	18.84	5.58	4.98	1.27 AMP
				311.27	165.18	245.17	37.82	254.38	83.32	64.62	153.48 PHASE
707	65.11	76.42	658	31.57	21.78	21.62	18.42	11.38	8.88	5.71	1.68 AMP
				327.89	173.89	245.61	39.24	258.34	118.97	83.71	178.47 PHASE
708	66.39	53.96	658	44.14	25.47	23.20	13.78	11.36	7.42	6.23	1.88 AMP
				336.93	171.25	248.28	27.19	228.61	97.92	74.84	178.61 PHASE
709	67.17	108.66	658	53.14	27.37	32.67	19.48	11.66	8.21	6.69	2.38 AMP
				341.19	175.43	238.71	22.76	214.68	89.88	69.18	171.88 PHASE
710	67.62	116.19	651	61.86	29.23	35.68	17.88	12.53	6.81	6.51	2.28 AMP
				345.88	179.68	239.41	28.16	213.71	79.53	67.88	179.17 PHASE

TABLE VIII.- Continued

(g) Continued

TORSION 28 PERCENT RADIUS											
RUN NO		21									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
693	4.88	13.53	658	5.48	5.86	1.58	3.17	2.63	2.18	.98	.76 AMP
				298.43	136.83	73.79	338.91	75.17	178.68	344.44	63.42 PHASE
694	2.57	13.44	658	4.66	4.53	1.39	3.21	2.78	2.14	1.17	.77 AMP
				296.88	138.21	39.63	385.57	44.53	157.23	316.55	47.88 PHASE
695	.17	13.87	658	3.97	4.15	1.25	2.99	3.18	2.85	1.21	.77 AMP
				313.54	132.83	27.81	381.14	33.35	153.46	325.58	46.89 PHASE
696	-2.31	13.39	649	3.96	3.81	.84	2.93	3.47	1.78	1.48	.84 AMP
				337.31	147.88	13.42	387.83	58.12	183.73	13.27	96.48 PHASE
697	-4.92	13.71	649	4.74	3.62	.69	2.98	4.21	1.38	1.36	.76 AMP
				354.74	144.38	337.69	286.49	35.98	157.88	9.42	75.24 PHASE
698	4.86	12.82	658	5.29	4.38	2.86	2.83	1.88	1.83	.71	.35 AMP
				263.98	189.42	2.86	289.34	36.58	115.27	327.65	.33 PHASE
699	1.71	18.49	658	3.98	3.68	2.11	2.94	1.87	.79	1.87	.22 AMP
				275.88	115.17	357.85	292.23	34.45	128.78	345.96	37.12 PHASE
700	-.48	18.41	651	2.94	2.95	2.34	2.83	2.25	.71	1.48	.52 AMP
				284.66	117.82	343.95	289.23	28.73	151.56	.74	189.68 PHASE
701	-2.98	9.91	658	2.38	2.47	2.12	2.93	2.89	.65	1.43	.56 AMP
				313.93	121.23	329.74	277.88	21.84	188.64	342.23	186.88 PHASE
702	-5.47	18.81	658	2.65	2.29	2.18	3.22	3.52	.74	1.28	.28 AMP
				353.97	129.59	324.86	282.65	36.16	115.27	346.48	146.53 PHASE
703	-7.92	11.68	658	3.87	2.25	2.24	3.26	4.83	.98	.88	.19 AMP
				14.28	136.29	385.28	265.64	24.86	96.94	329.73	126.16 PHASE
704	1.15	8.98	649	3.86	2.11	2.37	2.11	1.49	.46	.58	.14 AMP
				268.58	111.14	332.67	289.77	17.79	82.84	346.17	147.78 PHASE
705	-1.42	8.93	658	2.61	1.47	2.32	1.99	1.98	.34	1.88	.48 AMP
				273.93	113.23	316.15	276.72	1.92	115.49	336.88	189.73 PHASE
706	-3.61	8.88	658	1.82	1.11	2.51	2.16	2.41	.21	.88	.59 AMP
				295.97	122.89	310.95	275.41	13.56	135.49	337.88	114.26 PHASE
707	-5.99	8.56	658	1.84	1.88	2.82	2.28	2.66	.19	.78	.39 AMP
				341.14	143.14	383.55	278.53	28.42	156.13	338.37	185.89 PHASE
708	-8.63	9.55	658	3.07	1.18	3.19	2.32	2.78	.50	.78	.46 AMP
				13.37	157.25	283.37	268.86	17.96	134.24	384.83	75.83 PHASE
709	-18.85	18.86	658	4.03	1.27	3.53	2.25	2.89	.63	.76	.49 AMP
				24.63	161.67	276.91	266.85	16.70	133.82	297.89	71.62 PHASE
710	-11.56	11.88	651	5.21	1.32	3.78	1.98	2.83	.82	.77	.52 AMP
				24.93	169.83	275.72	266.64	15.19	128.76	287.73	78.91 PHASE



TABLE VIII.- Continued

(g) Continued

FLAPWISE 37 PERCENT RADIUS											
RUN NO 21											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
693	22.14	36.21	650	19.45	14.40	10.66	6.28	4.10	.93	.45	2.06 AMP
				147.28	333.07	50.50	353.00	133.36	22.89	311.21	229.22 PHASE
694	23.54	37.26	650	20.51	14.96	10.01	6.38	3.90	.94	.40	2.14 AMP
				141.97	323.82	42.04	334.99	105.98	353.91	260.35	180.50 PHASE
695	25.12	37.24	650	21.11	15.05	11.03	6.22	4.17	.85	.35	2.00 AMP
				141.13	321.84	38.53	328.15	102.37	1.20	254.32	186.94 PHASE
696	26.40	36.35	649	22.00	15.70	11.30	6.10	4.26	.75	.51	2.13 AMP
				143.77	327.30	47.14	339.96	117.89	37.03	262.60	214.89 PHASE
697	27.70	38.53	649	22.63	15.90	11.73	5.89	4.62	.53	.71	1.87 AMP
				139.63	319.74	35.01	321.35	98.32	31.70	239.04	191.45 PHASE
698	23.39	26.50	650	16.96	11.71	7.56	3.70	3.53	.76	.25	1.13 AMP
				141.67	331.92	33.94	322.33	69.98	324.60	222.70	184.16 PHASE
699	25.09	28.29	650	17.72	12.32	8.22	4.14	3.74	.87	.26	.99 AMP
				143.52	335.00	39.57	320.40	74.53	334.10	230.10	199.59 PHASE
700	26.43	29.79	651	18.84	13.22	9.55	4.61	4.10	.81	.31	1.00 AMP
				143.34	336.30	38.57	329.01	75.48	342.85	239.43	212.76 PHASE
701	27.09	32.05	650	19.73	13.72	9.70	4.93	4.26	.90	.32	.98 AMP
				140.09	327.94	27.09	314.00	62.05	326.90	226.57	190.59 PHASE
702	29.30	33.23	650	20.37	14.03	10.25	4.00	4.39	.79	.45	.67 AMP
				140.76	329.79	30.45	316.31	70.21	325.57	239.55	210.11 PHASE
703	30.04	34.19	650	21.25	14.34	10.07	4.61	4.40	.72	.53	.45 AMP
				135.50	321.69	17.34	290.90	50.34	299.07	215.03	171.00 PHASE
704	26.37	21.50	649	14.99	10.45	5.22	2.05	3.17	.40	.16	.60 AMP
				143.40	341.30	32.23	333.56	54.74	301.06	224.76	190.25 PHASE
705	20.01	23.22	650	15.90	10.09	6.13	2.73	3.00	.40	.60	.60 AMP
				141.40	337.53	28.17	324.19	43.95	301.29	197.26	194.16 PHASE
706	29.42	24.60	650	16.06	11.43	7.09	3.12	4.00	.41	.12	.63 AMP
				140.95	330.14	20.12	325.40	46.92	290.63	225.37	200.00 PHASE
707	30.95	26.26	650	18.00	12.30	7.00	3.45	3.94	.37	.11	.47 AMP
				140.46	333.65	23.51	326.07	48.95	285.51	265.09	200.04 PHASE
708	32.56	28.25	650	18.82	13.01	8.56	3.52	4.32	.40	.26	.47 AMP
				136.91	332.51	23.16	312.90	36.11	241.95	230.55	173.30 PHASE
709	33.36	28.79	650	19.41	13.59	9.89	3.61	4.44	.47	.31	2.45 AMP
				135.44	330.34	23.14	307.49	30.01	226.40	221.06	150.95 PHASE
710	34.34	28.95	651	19.67	13.68	8.72	3.47	4.55	.43	.35	.42 AMP
				134.26	320.77	10.79	303.46	32.52	220.89	243.10	151.67 PHASE

CHORDWISE 37 PERCENT RADIUS											
RUN NO 21											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
693	31.36	60.97	650	19.02	9.43	4.09	12.33	5.04	11.57	10.03	5.11 AMP
				200.61	144.57	323.03	76.50	2.40	04.06	129.43	192.79 PHASE
694	30.00	72.46	650	22.52	13.07	8.15	15.56	6.37	17.54	15.23	6.21 AMP
				205.05	141.70	299.75	51.20	340.23	56.96	92.96	155.66 PHASE
695	27.53	04.67	650	26.90	17.10	12.96	16.51	6.32	22.04	17.37	6.56 AMP
				295.91	145.22	290.69	41.10	330.26	46.02	91.53	153.00 PHASE
696	25.31	97.11	649	32.34	22.41	16.02	20.21	4.92	26.00	19.41	5.94 AMP
				310.74	150.26	309.03	50.64	310.54	02.05	121.22	107.90 PHASE
697	22.76	102.73	649	39.04	26.37	20.66	22.07	7.56	30.93	21.60	4.04 AMP
				310.24	157.24	290.02	31.09	279.42	06.06	107.92	157.97 PHASE
698	29.00	50.69	650	15.29	7.69	3.01	12.77	11.06	7.04	6.39	1.03 AMP
				272.66	139.13	269.06	60.11	303.09	45.90	64.66	133.03 PHASE
699	20.92	59.12	650	17.03	10.34	7.73	15.47	11.42	10.03	9.47	2.33 AMP
				207.00	140.50	202.77	59.04	323.11	57.96	03.46	137.29 PHASE
700	29.24	66.30	651	22.30	14.91	10.11	10.10	11.61	11.39	9.07	2.40 AMP
				290.41	156.61	207.94	49.04	295.40	61.44	91.30	152.30 PHASE
701	20.39	77.19	650	27.42	19.75	13.60	22.04	13.71	13.97	12.30	3.05 AMP
				300.14	154.11	276.75	35.30	277.10	76.60	73.31	130.60 PHASE
702	27.71	06.62	650	34.57	22.51	10.32	24.12	13.73	19.52	13.91	2.90 AMP
				320.57	163.75	200.46	40.30	209.27	100.70	94.37	141.23 PHASE
703	25.90	93.69	650	41.99	26.04	23.34	25.60	12.67	25.21	15.21	3.00 AMP
				324.97	162.95	270.50	24.10	271.11	101.55	00.25	102.13 PHASE
704	27.24	37.17	649	12.31	7.21	3.03	13.67	9.29	2.90	4.79	1.22 AMP
				274.77	171.21	240.97	64.30	295.07	15.42	60.15	126.03 PHASE
705	20.45	49.56	650	15.76	11.77	6.35	17.37	10.20	6.59	6.36	1.00 AMP
				293.30	165.07	261.97	40.29	261.50	16.14	57.34	143.22 PHASE
706	29.40	63.40	650	20.77	15.10	9.96	21.33	13.95	0.01	0.26	2.16 AMP
				303.40	171.20	259.12	35.09	254.03	74.43	61.91	137.00 PHASE
707	30.22	79.33	650	20.57	10.70	14.90	26.11	14.03	12.63	9.30	2.70 AMP
				321.57	177.07	261.10	36.03	251.15	109.50	01.47	139.60 PHASE
708	30.19	94.37	650	30.04	22.43	21.09	27.13	13.05	11.72	9.41	3.11 AMP
				329.41	179.02	255.29	25.06	230.13	109.62	77.14	122.03 PHASE
709	30.03	103.96	650	44.07	24.50	23.09	20.54	13.06	12.79	9.76	3.37 AMP
				333.41	173.03	255.15	22.70	216.23	93.10	73.20	137.49 PHASE
710	29.34	111.40	651	52.12	27.27	25.61	26.65	14.14	10.50	3.79	3.15 AMP
				333.07	103.35	257.37	10.79	215.70	05.00	60.00	143.64 PHASE

TABLE VIII.- Continued

(g) Continued

TORSION 36 PERCENT RADIUS											
RUN NO 21											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
693	4.88	13.58	658	5.84	5.58	1.21	2.77	2.28	1.88	.92	.49 AMP
				288.83	116.57	64.17	298.42	32.91	132.57	384.28	14.88 PHASE
694	1.82	13.65	658	5.28	5.88	.92	2.83	2.31	1.88	1.87	.54 AMP
				295.85	188.56	29.94	273.29	1.91	111.83	273.99	359.91 PHASE
695	-5.56	13.35	658	4.82	4.71	.71	2.63	2.59	1.72	1.18	.56 AMP
				318.65	188.76	22.18	269.88	358.96	188.12	288.95	.73 PHASE
696	-3.88	13.51	649	5.82	4.37	.16	2.58	2.84	1.49	1.38	.67 AMP
				329.66	119.93	357.65	277.19	8.11	136.74	322.84	58.21 PHASE
697	-5.49	13.99	649	5.77	4.18	.38	2.56	3.39	1.86	1.19	.63 AMP
				341.31	113.99	289.74	268.18	354.93	188.38	314.37	25.49 PHASE
698	4.89	42.16	658	6.42	5.12	1.81	2.48	2.78	1.45	.89	.54 AMP
				259.25	81.47	336.14	271.93	19.81	341.14	.12	178.64 PHASE
699	2.84	55.24	658	3.76	5.99	.93	2.18	1.98	1.87	1.26	.25 AMP
				278.88	85.31	28.15	289.83	35.71	46.92	17.88	7.59 PHASE
700	-6.1	56.49	651	4.23	4.54	1.34	2.58	1.26	.37	.91	.26 AMP
				285.31	86.54	281.76	278.86	354.96	43.13	332.91	358.43 PHASE
701	-3.48	32.77	658	3.52	3.47	1.12	2.68	2.28	.56	1.15	.16 AMP
				318.58	94.48	288.52	253.35	343.25	38.89	384.48	15.78 PHASE
702	-6.85	11.22	658	3.86	3.88	1.39	2.89	2.86	.73	1.82	.18 AMP
				343.13	182.51	286.41	254.15	353.39	78.14	298.65	75.88 PHASE
703	-8.48	11.98	658	4.89	3.88	1.44	2.85	3.28	.88	.73	.85 AMP
				356.52	181.58	268.18	248.22	343.49	48.84	282.15	75.88 PHASE
704	1.87	64.22	649	3.37	5.18	.44	1.69	.86	.29	.75	.58 AMP
				265.56	75.82	291.51	294.48	53.18	21.39	88.51	146.94 PHASE
705	-7.7	52.48	658	2.94	3.48	3.54	3.53	2.26	1.88	.46	.89 AMP
				343.23	45.76	387.83	268.72	281.62	162.88	237.98	69.71 PHASE
706	-4.38	7.61	658	2.71	1.83	1.76	2.87	2.86	.29	.79	.44 AMP
				312.88	94.22	279.91	245.84	338.35	85.33	289.67	55.33 PHASE
707	-6.62	8.62	658	3.14	1.68	2.84	2.15	2.24	.27	.71	.29 AMP
				341.85	186.91	271.69	248.22	345.86	95.54	283.28	48.57 PHASE
708	-9.16	9.48	658	4.24	1.55	2.41	2.13	2.34	.54	.72	.33 AMP
				358.83	112.79	258.53	237.34	335.24	81.84	254.84	14.23 PHASE
709	-18.67	9.93	658	5.87	1.65	2.69	2.87	2.43	.64	.71	.37 AMP
				4.99	116.99	243.91	235.72	334.52	81.48	245.51	18.32 PHASE
710	-12.82	18.97	651	6.88	1.62	2.88	1.83	2.43	.77	.73	.37 AMP
				9.49	121.47	241.42	238.38	334.65	76.74	241.27	18.47 PHASE

TABLE VIII.- Continued

(g) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO 21											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
693	4.32	53.76	650	26.65	19.36	11.35	1.69	5.24	3.17	3.98	5.57 AMP
				140.94	334.74	46.38	32.33	297.54	107.00	48.36	234.00 PHASE
694	5.88	56.42	650	27.91	20.22	11.68	1.72	5.17	2.90	3.86	5.93 AMP
				136.52	324.15	31.23	7.55	269.28	156.63	10.54	194.90 PHASE
695	7.89	56.19	650	28.72	20.54	12.16	1.95	5.27	2.37	3.43	5.78 AMP
				136.09	322.25	29.85	355.25	262.89	163.21	20.07	193.15 PHASE
696	9.47	57.71	649	29.90	21.37	12.79	1.96	5.30	2.09	2.89	5.00 AMP
				139.43	327.81	39.78	2.13	276.39	168.29	42.12	223.04 PHASE
697	11.16	56.20	649	30.65	21.72	13.51	2.20	5.49	2.12	1.28	4.81 AMP
				135.74	320.20	29.29	343.49	256.40	137.20	.49	198.56 PHASE
698	6.49	42.90	650	23.43	16.32	7.90	1.46	3.79	2.26	2.52	2.75 AMP
				134.62	330.80	26.34	1.19	256.43	134.99	24.49	186.83 PHASE
699	8.41	45.07	650	24.40	17.12	8.72	1.58	3.95	2.22	2.37	2.65 AMP
				136.95	334.11	34.32	10.66	259.52	140.95	44.23	203.95 PHASE
700	9.95	46.42	651	25.73	18.15	9.40	1.88	4.15	2.19	2.14	2.83 AMP
				137.15	335.12	35.59	8.66	258.79	130.64	44.33	220.40 PHASE
701	11.70	47.97	650	26.83	18.87	11.04	2.12	4.48	2.17	1.96	2.97 AMP
				134.47	327.22	25.11	346.83	241.49	100.17	26.84	207.04 PHASE
702	13.49	48.80	650	27.73	19.48	11.96	2.19	4.65	2.49	1.38	2.20 AMP
				135.87	328.70	31.01	348.42	247.18	114.53	32.85	219.47 PHASE
703	15.19	49.36	650	28.79	20.11	12.98	2.50	4.62	2.55	.83	1.62 AMP
				131.78	320.03	19.94	333.20	229.67	93.12	350.02	185.87 PHASE
704	10.45	34.19	649	20.91	14.67	5.81	1.09	2.47	1.06	1.33	.99 AMP
				136.66	337.33	30.36	329.53	255.99	146.17	49.21	195.25 PHASE
705	12.26	36.12	650	22.16	15.19	7.09	1.26	2.80	1.00	1.17	1.43 AMP
				135.24	333.04	28.29	319.23	236.70	114.55	63.23	206.44 PHASE
706	13.90	38.20	650	23.32	15.83	8.39	1.38	3.05	1.21	1.05	1.67 AMP
				135.30	333.38	28.74	316.03	237.01	100.65	52.98	213.10 PHASE
707	15.66	40.04	650	24.85	16.94	9.64	1.36	3.11	1.31	.83	1.32 AMP
				135.39	333.79	32.16	316.91	241.75	111.42	44.00	221.35 PHASE
708	17.47	42.31	650	26.11	17.82	11.00	1.47	3.22	1.28	.41	1.46 AMP
				132.97	327.26	27.99	308.36	228.18	94.61	8.00	193.48 PHASE
709	18.40	43.66	650	27.01	18.62	11.71	1.49	3.23	1.29	1.18	1.39 AMP
				131.95	325.09	26.43	303.52	222.56	87.54	346.23	186.03 PHASE
710	19.48	44.02	651	27.52	18.78	11.99	1.65	3.01	1.24	.12	1.40 AMP
				131.59	323.59	26.57	306.20	222.35	80.16	7.67	179.12 PHASE

CHORDWISE 51 PERCENT RADIUS											
RUN NO 21											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
693	10.60	57.81	650	20.59	9.68	2.92	12.61	6.27	11.98	12.80	7.27 AMP
				295.61	150.85	356.84	77.17	4.37	83.66	136.40	201.54 PHASE
694	9.53	70.92	650	24.72	12.71	6.06	16.61	6.07	18.85	17.61	8.19 AMP
				295.31	152.53	320.76	51.59	337.66	55.75	99.21	162.14 PHASE
695	7.51	83.67	650	29.10	15.75	10.53	18.41	5.66	24.29	19.50	8.12 AMP
				300.89	153.45	313.90	42.38	329.71	44.41	97.89	159.87 PHASE
696	5.74	98.66	649	34.70	20.15	14.23	22.67	4.90	29.62	21.30	6.91 AMP
				311.32	163.41	323.79	52.12	299.75	81.20	120.55	192.78 PHASE
697	3.22	114.03	649	40.73	23.52	18.27	25.16	8.73	33.13	24.03	4.62 AMP
				315.44	159.72	311.90	34.26	266.13	86.70	115.89	161.47 PHASE
698	8.25	46.61	650	16.15	8.12	1.62	13.34	12.24	7.96	7.57	2.75 AMP
				290.79	159.05	276.09	59.55	304.02	45.50	70.75	146.51 PHASE
699	8.04	56.80	650	19.40	10.41	4.92	16.57	12.15	11.30	11.26	2.97 AMP
				299.31	163.44	296.20	59.92	322.68	56.39	89.91	142.33 PHASE
700	8.23	66.06	651	24.41	14.35	7.00	19.83	12.55	12.32	11.20	3.02 AMP
				305.39	167.39	303.68	50.83	293.96	50.00	99.85	150.92 PHASE
701	7.18	79.54	650	29.40	18.20	10.59	24.01	14.74	14.42	14.02	2.98 AMP
				309.45	161.20	294.13	36.74	275.63	76.29	80.61	130.02 PHASE
702	6.37	93.63	650	35.56	20.30	14.80	26.68	14.67	20.38	15.78	2.92 AMP
				317.73	168.85	297.13	41.16	285.95	111.30	101.30	125.92 PHASE
703	4.55	103.82	650	41.64	23.34	19.85	20.83	13.63	26.75	17.25	3.41 AMP
				319.54	166.32	285.91	24.97	266.54	105.23	80.02	79.89 PHASE
704	6.77	30.61	649	13.46	8.26	1.66	14.61	10.57	3.21	5.56	1.69 AMP
				294.02	106.30	237.66	62.85	294.67	8.67	73.33	132.36 PHASE
705	7.06	53.21	650	17.65	11.94	3.67	18.66	11.42	7.37	7.16	2.40 AMP
				303.52	175.37	278.22	41.80	263.25	13.68	64.15	141.17 PHASE
706	7.46	66.55	650	22.47	14.92	6.44	22.82	15.10	9.29	9.35	2.57 AMP
				311.62	173.55	273.41	26.79	255.76	73.22	63.56	129.07 PHASE
707	7.42	83.92	650	29.15	17.81	13.56	28.01	15.26	13.48	10.50	3.45 AMP
				310.25	132.59	277.52	20.27	251.69	114.14	85.83	129.78 PHASE
708	6.65	56.55	650	30.80	27.07	15.74	29.62	15.10	12.33	10.61	3.70 AMP
				323.73	131.31	271.42	26.73	220.06	107.16	83.26	122.00 PHASE
709	6.15	116.59	650	42.27	22.50	13.31	21.35	15.15	13.19	10.84	3.81 AMP
				323.32	131.57	271.89	22.12	210.31	99.70	79.41	125.64 PHASE
710	5.11	111.79	651	47.52	24.78	21.12	29.87	15.24	10.27	9.67	3.45 AMP
				323.17	104.91	273.79	19.96	214.50	92.76	74.14	134.47 PHASE

TABLE VIII.- Continued

(g) Continued

TORSION 50 PERCENT RADIUS											
RUN NO 21											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
693	4.73	14.02	650	6.05	6.07	.87	2.94	1.99	2.04	1.27	.44 AMP
694	2.40	14.24	650	291.96	125.96	92.12	330.23	63.07	164.97	350.95	109.16 PHASE
695	.01	13.89	650	5.40	5.56	.59	2.94	2.05	2.05	1.42	.71 AMP
696	-2.40	14.09	649	290.99	117.87	48.20	306.07	30.20	142.17	310.50	89.75 PHASE
697	-4.90	14.46	649	4.06	5.17	.41	2.70	2.37	1.91	1.37	.77 AMP
698	3.90	11.05	650	313.59	110.73	41.92	303.21	19.33	130.74	322.94	87.62 PHASE
699	1.52	10.70	650	332.94	129.52	221.00	310.30	36.14	165.03	357.20	126.50 PHASE
700	-6.69	10.15	651	5.70	4.67	.50	2.51	3.16	1.44	1.37	.93 AMP
701	-3.06	10.93	650	345.33	123.60	196.49	294.15	23.26	135.04	344.35	90.45 PHASE
702	-5.54	11.02	650	5.42	5.60	1.27	2.60	1.49	1.23	.86	.20 AMP
703	-7.79	12.22	650	271.05	102.31	0.97	292.13	15.35	111.25	340.01	31.20 PHASE
704	.95	8.03	649	4.27	4.91	1.20	2.75	1.56	1.00	1.13	.25 AMP
705	-1.54	7.01	650	205.71	107.64	357.62	295.62	12.26	110.21	351.00	81.00 PHASE
706	-3.70	7.74	650	3.53	4.37	1.20	2.66	1.01	1.01	1.49	.52 AMP
707	-6.03	9.00	650	299.49	109.43	335.50	294.64	7.23	136.19	357.71	107.02 PHASE
708	-8.60	9.99	650	3.36	3.84	.90	2.63	2.23	1.04	1.41	.53 AMP
709	-9.98	10.50	650	322.65	109.20	316.10	203.05	359.55	102.10	339.59	104.12 PHASE
710	-11.39	11.26	651	3.05	3.68	.92	2.79	2.73	1.21	1.17	.16 AMP
				349.45	115.29	297.19	200.99	16.47	109.55	341.10	119.36 PHASE
				4.06	3.64	.99	2.64	3.03	1.30	.00	.07 AMP
				2.10	112.97	262.24	275.03	6.00	07.41	320.04	1.07 PHASE
				3.70	3.46	1.29	2.04	1.30	.54	.65	.19 AMP
				270.59	100.61	320.94	292.62	357.06	90.22	352.37	143.52 PHASE
				2.09	2.70	1.21	1.96	1.67	.56	1.00	.30 AMP
				299.39	102.55	306.09	202.05	343.69	101.57	331.50	107.74 PHASE
				2.63	2.31	1.29	2.05	2.01	.55	.97	.45 AMP
				322.00	100.30	297.61	201.25	354.69	109.00	333.15	110.77 PHASE
				3.19	2.06	1.51	2.12	2.20	.56	.20	.20 AMP
				350.90	120.23	205.36	200.00	0.20	117.50	324.60	92.10 PHASE
				4.39	2.05	1.00	2.13	2.46	.05	.95	.27 AMP
				0.25	125.10	250.01	271.60	350.04	105.06	293.25	40.67 PHASE
				5.26	2.14	2.12	2.00	2.53	.93	.95	.29 AMP
				13.70	129.31	253.24	269.63	357.06	103.75	204.90	53.43 PHASE
				6.25	2.10	2.20	1.06	2.54	1.05	.90	.32 AMP
				17.52	132.02	249.00	273.15	.27	103.23	202.23	57.30 PHASE

TABLE VIII.- Continued

(g) Continued

FLAPWISE 77 PERCENT RADIUS											
RUN NO		21									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
693	-14.23	54.56	650	32.03	28.23	12.11	7.99	5.50	4.28	4.29	6.37 AMP
				132.24	328.54	17.01	187.09	298.00	21.34	257.90	44.04 PHASE
694	-11.60	56.96	650	33.01	21.03	12.09	8.27	5.55	3.90	4.12	6.95 AMP
				130.69	321.14	3.10	165.29	272.19	353.35	228.65	5.29 PHASE
695	-8.54	57.49	650	33.98	21.02	12.52	7.51	6.79	3.57	3.95	6.87 AMP
				133.35	322.48	12.65	156.20	273.40	341.17	232.73	2.92 PHASE
696	-5.61	59.07	649	35.38	22.06	12.99	7.69	6.99	3.36	2.54	7.07 AMP
				139.20	331.22	11.41	163.68	291.68	354.01	269.58	34.43 PHASE
697	-2.73	62.23	649	36.02	23.07	13.01	7.26	8.00	3.61	1.64	5.77 AMP
				138.62	325.60	350.92	145.97	273.00	317.01	253.00	9.42 PHASE
698	-11.99	45.20	650	29.77	17.42	7.00	5.01	5.74	2.50	3.27	3.37 AMP
				126.58	320.91	347.76	161.00	236.60	319.07	221.99	2.97 PHASE
699	-9.17	47.47	650	29.03	18.55	8.27	6.37	6.16	2.36	3.11	3.34 AMP
				132.30	327.32	352.22	164.56	244.77	326.29	243.35	28.00 PHASE
700	-6.72	50.97	651	30.03	19.54	8.62	7.07	7.28	2.39	2.76	3.65 AMP
				135.35	330.33	352.90	164.35	247.20	314.25	242.50	39.76 PHASE
701	-3.57	55.11	650	31.62	20.61	9.73	7.37	7.54	2.55	2.59	3.97 AMP
				135.33	325.75	344.33	140.44	237.00	280.29	224.01	26.11 PHASE
702	-1.55	50.90	650	32.23	21.90	10.09	7.10	8.12	2.09	1.91	3.00 AMP
				139.05	320.93	340.50	149.09	249.50	294.21	234.49	38.64 PHASE
703	2.42	59.40	650	33.01	23.22	10.57	6.39	8.35	3.03	1.26	2.10 AMP
				138.39	321.97	338.19	130.96	232.67	268.14	200.62	2.60 PHASE
704	-6.31	40.34	649	27.62	15.00	4.93	4.74	6.59	1.77	1.19	1.97 AMP
				131.57	331.97	345.48	174.20	225.53	300.00	220.06	9.00 PHASE
705	-3.44	43.00	650	28.19	16.14	5.65	5.69	7.74	1.74	1.54	1.04 AMP
				133.22	331.38	342.05	158.05	218.39	257.70	237.77	29.10 PHASE
706	-1.02	45.04	650	20.99	17.15	6.39	6.10	8.04	1.06	1.36	2.24 AMP
				135.03	333.59	345.73	155.09	221.96	263.73	226.17	33.52 PHASE
707	2.16	50.10	650	30.25	18.75	7.16	6.69	7.05	1.00	1.10	1.81 AMP
				138.77	335.59	352.14	153.36	226.54	275.07	216.34	43.74 PHASE
708	5.49	53.00	650	31.15	20.31	7.76	6.51	8.32	1.07	1.54	1.97 AMP
				138.09	330.10	352.00	133.02	216.35	269.59	177.24	13.70 PHASE
709	7.03	56.34	650	32.04	21.65	8.09	6.51	8.65	1.08	1.31	1.03 AMP
				139.56	320.35	350.15	128.07	212.79	265.93	153.47	6.37 PHASE
710	0.01	57.72	651	32.61	22.20	8.05	6.02	8.95	1.11	1.27	1.04 AMP
				140.90	327.64	350.90	121.90	215.24	264.25	146.90	350.36 PHASE

CHORDWISE 77 PERCENT RADIUS											
RUN NO		21									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
693	-19.54	32.07	650	4.74	6.67	6.74	4.95	5.20	5.72	4.53	2.00 AMP
				152.10	305.63	36.31	97.69	313.55	65.09	140.37	177.40 PHASE
694	-19.20	36.69	650	3.89	6.32	7.34	6.39	5.30	8.60	6.34	2.06 AMP
				160.30	293.45	14.35	66.57	202.33	41.28	98.44	132.67 PHASE
695	-10.30	37.17	650	2.90	5.03	8.30	7.42	6.10	10.05	6.91	1.59 AMP
				177.29	291.55	2.07	54.75	274.34	30.03	95.64	126.50 PHASE
696	-17.11	39.23	649	2.06	5.40	9.74	9.27	7.00	12.44	7.55	1.92 AMP
				213.91	293.40	8.71	62.44	274.19	66.66	124.92	122.00 PHASE
697	-16.37	43.11	649	2.20	5.32	11.22	10.36	9.63	12.51	8.54	1.97 AMP
				200.23	202.13	352.07	42.61	253.22	73.79	112.36	37.59 PHASE
698	-10.14	26.21	650	4.05	5.02	3.00	5.33	7.50	3.24	2.43	1.95 AMP
				136.53	293.53	16.10	60.16	272.97	30.65	60.33	90.07 PHASE
699	-10.75	26.03	650	3.00	5.52	4.51	6.72	7.32	4.60	4.10	1.20 AMP
				147.47	298.27	9.50	60.72	203.10	42.07	06.26	91.36 PHASE
700	-19.22	30.74	651	2.30	5.19	5.47	7.97	9.20	5.11	4.03	1.73 AMP
				161.66	292.05	8.44	50.46	205.10	42.45	99.94	96.77 PHASE
701	-10.70	32.91	650	1.19	4.75	7.14	9.00	10.40	5.22	5.05	1.77 AMP
				197.00	204.50	351.01	43.17	249.90	62.41	78.26	65.26 PHASE
702	-16.76	40.20	650	1.03	5.16	0.53	11.13	10.00	7.35	5.07	2.10 AMP
				200.06	205.97	340.49	46.09	250.22	104.63	99.04	70.04 PHASE
703	-15.00	46.66	650	3.64	5.59	10.41	12.40	10.50	10.09	6.50	2.30 AMP
				304.00	274.77	331.06	29.12	230.01	102.37	06.13	42.10 PHASE
704	-16.07	25.20	649	4.77	5.26	2.41	5.46	7.13	1.25	2.01	1.73 AMP
				141.46	293.10	300.03	66.07	201.49	351.01	67.91	102.95 PHASE
705	-17.79	20.90	650	3.32	4.53	3.42	7.02	0.63	3.05	2.59	1.24 AMP
				140.61	207.99	0.66	46.52	230.22	359.45	57.59	92.44 PHASE
706	-10.20	30.00	650	1.60	4.62	4.25	0.71	10.64	3.52	3.57	1.62 AMP
				162.09	204.03	359.27	40.97	236.71	66.32	57.04	03.90 PHASE
707	-17.60	31.50	650	1.03	5.09	5.46	10.06	11.39	5.16	4.06	2.10 AMP
				274.15	204.17	351.95	42.37	236.00	110.07	00.44	92.76 PHASE
708	-16.14	30.66	650	3.22	5.70	6.96	12.03	11.31	4.40	4.17	2.10 AMP
				310.19	277.20	337.61	31.10	217.05	106.90	70.15	00.24 PHASE
709	-15.10	44.41	650	4.05	5.36	0.07	12.00	11.64	4.64	4.22	1.94 AMP
				315.36	275.65	333.07	26.03	200.13	100.34	74.05	77.73 PHASE
710	-14.46	40.90	651	6.23	7.01	8.95	12.61	11.66	3.23	3.79	1.56 AMP
				319.02	270.45	320.05	22.70	207.09	92.14	60.07	03.02 PHASE

TABLE VIII.- Concluded

(g) Concluded

TORSION 75 PERCENT RADIUS											
RUN NO		21									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
693	2.24	14.84	650	5.98	6.10	.20	1.85	1.55	1.55	.67	.68 AMP
694	.24	14.36	650	280.84	120.96	235.20	353.85	39.62	186.16	50.93	109.29 PHASE
695	-1.76	13.83	650	5.13	5.67	.46	1.88	1.51	1.56	.71	.78 AMP
696	-3.83	13.88	649	285.88	113.99	268.59	331.92	4.20	157.92	14.95	80.46 PHASE
697	-5.73	12.10	649	4.26	5.31	.46	1.78	1.56	1.38	.68	.79 AMP
698	-1.64	13.13	650	297.23	116.95	255.87	331.46	357.39	151.17	28.59	79.37 PHASE
699	-.47	11.30	650	3.90	5.83	.65	1.77	1.43	1.32	.57	.70 AMP
700	-2.34	10.25	651	316.64	129.81	250.40	338.65	7.30	168.06	26.85	122.51 PHASE
701	-4.37	9.76	650	3.79	4.82	.65	1.70	1.55	1.30	.62	.65 AMP
702	-6.44	10.11	650	333.19	120.85	215.74	326.91	350.56	129.84	4.73	89.86 PHASE
703	-8.29	10.90	650	5.65	5.33	.35	1.78	1.35	1.19	.84	.44 AMP
704	-.72	8.45	649	264.86	104.38	2.32	324.32	338.92	141.82	39.18	42.95 PHASE
705	-2.88	6.79	650	4.40	4.71	.39	1.79	1.47	1.01	.88	.46 AMP
706	-4.75	7.12	650	274.62	112.10	324.99	329.50	339.81	153.49	46.36	55.83 PHASE
707	-6.70	8.84	650	3.51	4.31	.43	1.88	1.53	1.10	.93	.40 AMP
708	-8.82	8.77	650	284.32	117.66	295.31	331.03	335.17	154.58	39.92	56.17 PHASE
709	-9.98	9.70	650	2.82	3.97	.27	1.95	1.60	1.16	.22	.22 AMP
710	-11.19	10.10	651	303.04	119.78	251.23	321.32	318.92	120.13	25.48	29.89 PHASE
				2.64	3.84	.36	1.91	1.78	1.37	.84	.36 AMP
				334.22	129.85	231.52	324.91	334.08	121.20	33.70	347.55 PHASE
				3.15	3.83	.40	1.73	1.89	1.50	.81	.47 AMP
				354.96	120.31	194.29	312.88	321.37	93.61	10.93	313.86 PHASE
				4.00	3.33	.53	1.53	1.23	.48	.60	.17 AMP
				270.48	111.86	306.83	324.83	329.90	143.87	24.14	18.65 PHASE
				2.96	2.81	.40	1.68	1.24	.60	.58	.15 AMP
				282.76	119.73	268.93	313.83	316.57	116.86	2.50	346.17 PHASE
				2.31	2.61	.43	1.76	1.34	.80	.64	.10 AMP
				302.13	130.25	256.22	313.49	320.93	112.68	1.08	308.10 PHASE
				2.29	2.64	.58	1.74	1.42	.91	.66	.31 AMP
				335.56	143.47	238.71	315.93	329.54	111.51	351.42	294.78 PHASE
				2.98	2.82	.85	1.62	1.55	1.07	.53	.35 AMP
				3.38	146.91	220.45	299.52	322.79	93.93	319.20	281.69 PHASE
				3.69	3.02	.94	1.63	1.54	1.16	.51	.36 AMP
				12.68	149.07	213.56	294.75	320.98	86.13	306.02	260.37 PHASE
				4.57	3.15	.87	1.44	1.48	1.22	.43	.37 AMP
				18.99	153.19	213.72	294.87	325.29	83.77	298.42	264.40 PHASE

PITCH LINK											
RUN NO		21									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
693	-3.80	14.65	650	3.71	3.22	2.98	3.63	3.37	1.65	1.11	1.85 AMP
694	-1.23	14.81	650	111.11	320.46	231.69	148.28	258.41	343.19	79.49	210.32 PHASE
695	.76	14.27	650	2.73	2.74	2.89	3.92	3.73	1.86	1.21	1.87 AMP
696	2.81	16.18	649	124.65	320.16	207.55	124.76	226.23	324.25	62.62	176.79 PHASE
697	4.99	14.83	649	2.23	2.56	2.90	3.83	4.30	1.81	1.26	1.94 AMP
698	-1.86	11.51	650	189.35	320.58	200.82	118.88	217.15	314.91	73.35	174.63 PHASE
699	-.81	11.27	650	2.75	2.46	2.54	3.81	4.80	1.62	.90	2.01 AMP
700	1.72	10.75	651	192.10	353.27	201.90	124.93	233.85	347.41	153.74	208.90 PHASE
701	3.63	12.85	650	4.24	2.61	2.37	3.94	5.71	1.33	1.05	1.70 AMP
702	5.80	12.85	650	206.11	355.10	183.80	104.49	216.62	324.98	184.86	189.30 PHASE
703	7.67	14.36	650	3.54	2.40	3.34	2.91	2.55	.65	.09	.88 AMP
704	.86	8.33	649	65.67	293.70	178.89	180.83	213.99	266.27	66.90	160.69 PHASE
705	2.91	9.79	650	2.19	1.74	3.46	3.19	2.77	1.57	.93	.69 AMP
706	4.66	10.31	650	71.31	302.44	179.39	110.37	211.14	263.31	180.56	177.68 PHASE
707	6.02	10.91	650	1.83	1.18	3.70	3.23	3.36	1.10	.91	.56 AMP
708	8.03	12.57	650	62.69	310.93	171.22	186.81	206.13	272.73	128.85	226.90 PHASE
709	10.00	14.31	650	4.00	3.99	3.55	3.48	4.36	.42	1.89	.49 AMP
710	11.19	14.75	651	205.68	339.19	161.57	93.15	195.10	261.61	122.40	201.62 PHASE
				2.12	1.86	3.50	3.92	5.86	.49	1.80	.31 AMP
				230.80	359.33	160.86	99.85	209.34	291.47	136.81	206.07 PHASE
				4.19	1.64	3.35	4.85	5.62	.73	.51	.10 AMP
				229.89	11.63	140.89	84.29	195.14	267.50	131.80	195.20 PHASE
				2.78	.58	3.48	2.12	2.23	.42	.50	.20 AMP
				44.56	330.66	166.46	107.89	193.43	225.45	69.24	183.59 PHASE
				1.48	.50	3.42	2.11	3.82	.11	.79	.40 AMP
				25.68	24.68	144.67	92.65	179.77	353.90	120.50	247.70 PHASE
				.68	.71	3.43	2.47	3.78	.85	.71	.48 AMP
				329.01	48.41	141.50	94.45	186.88	32.54	115.69	264.45 PHASE
				1.72	1.12	3.63	2.72	3.98	.21	.51	.52 AMP
				258.44	49.87	133.72	101.33	199.32	354.40	104.80	251.62 PHASE
				3.70	1.52	3.79	2.88	4.23	.54	.40	.63 AMP
				237.59	45.56	111.64	94.36	188.64	322.68	98.92	214.51 PHASE
				4.91	1.72	4.22	2.93	4.35	.72	.34	.61 AMP
				234.45	43.46	103.89	94.28	186.89	316.24	97.25	205.29 PHASE
				6.30	2.83	4.43	2.60	4.29	.89	.36	.67 AMP
				231.60	48.54	100.54	93.79	184.37	299.95	76.83	204.97 PHASE

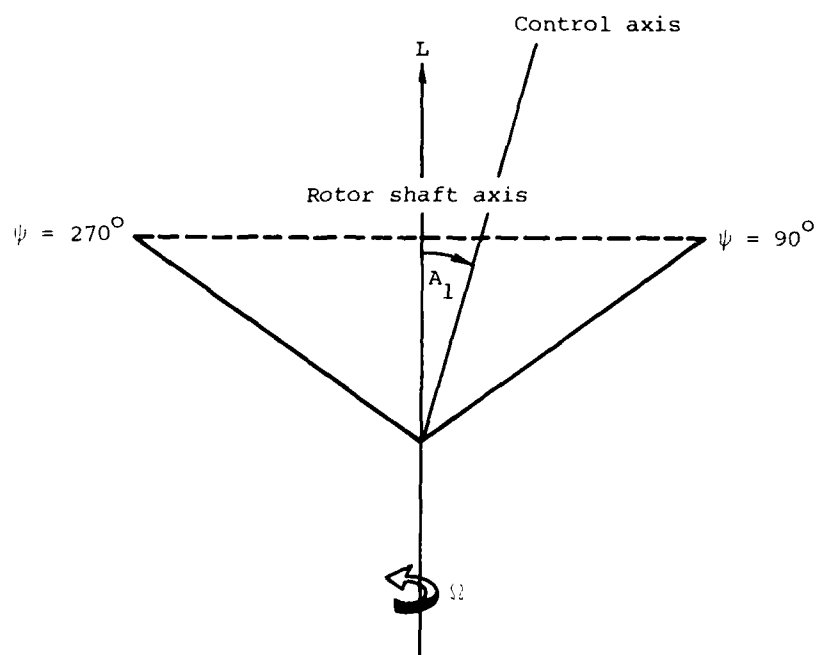
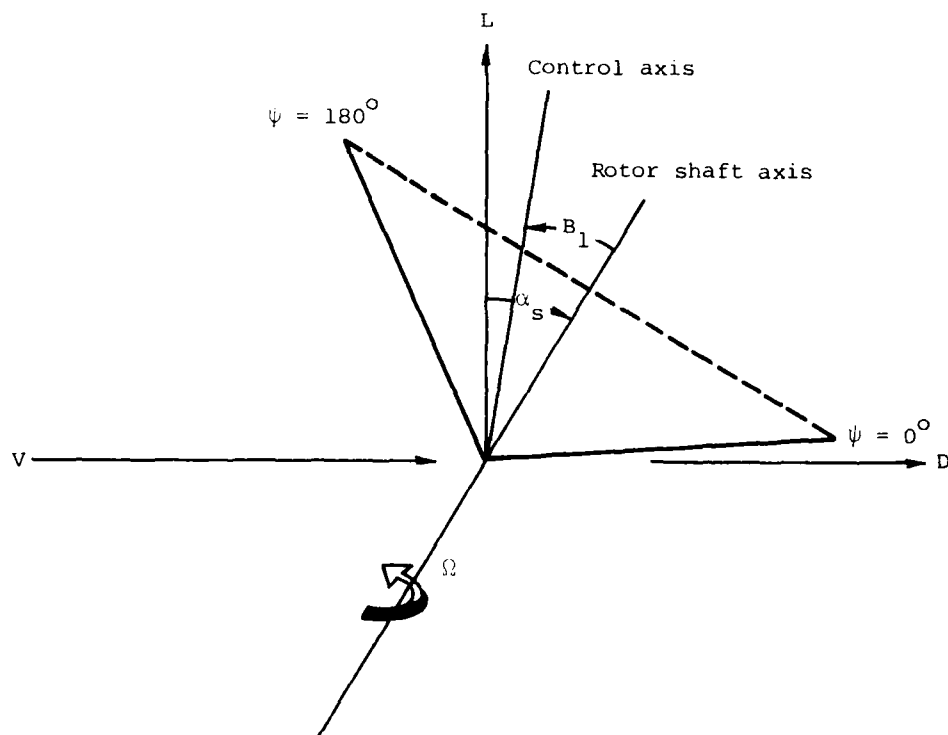
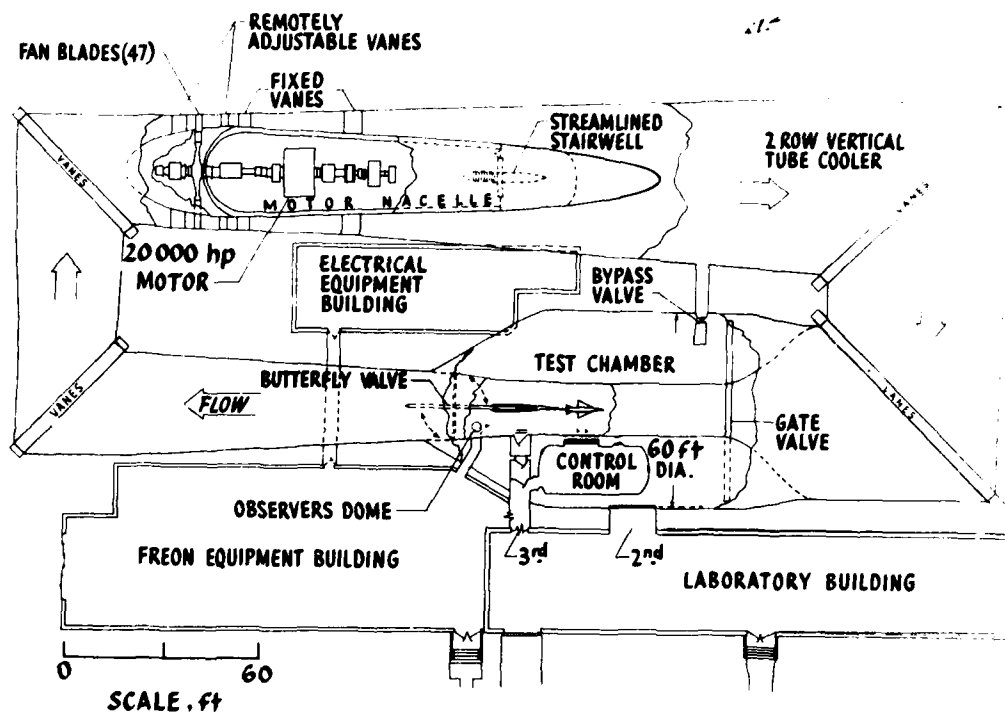
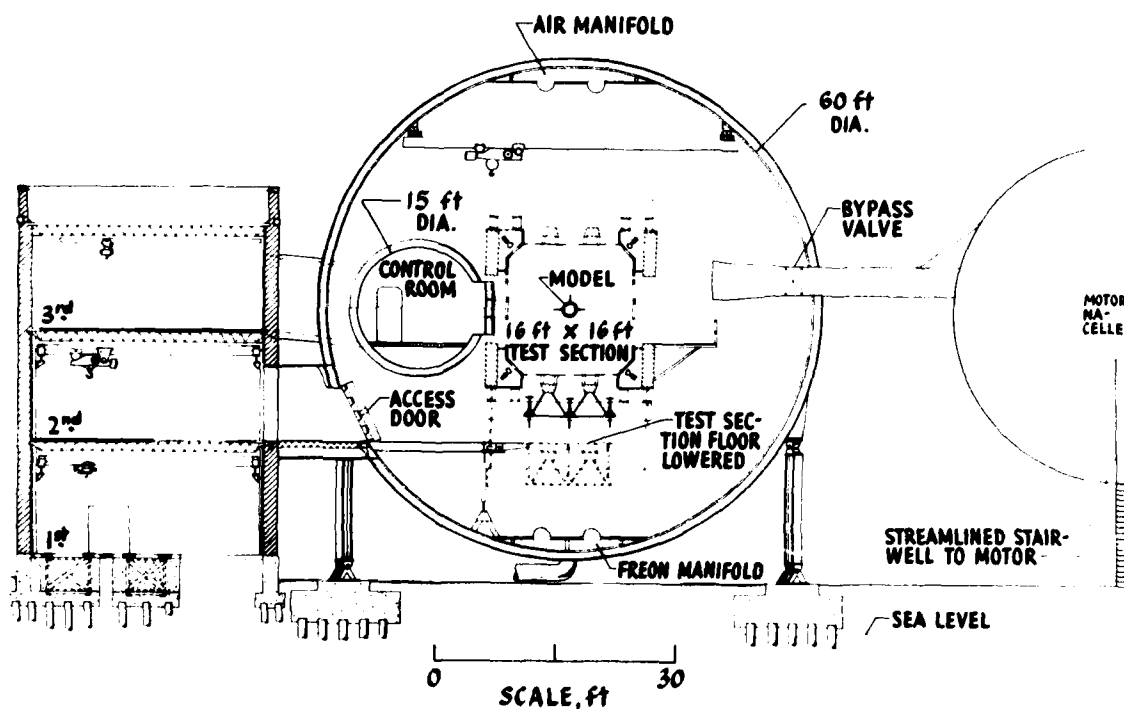


Figure 1.- Notation showing positive directions of forces, angles, and velocities.



(a) Top view.



(b) Cross-sectional view.

Figure 2.- Langley Transonic Dynamics Tunnel.



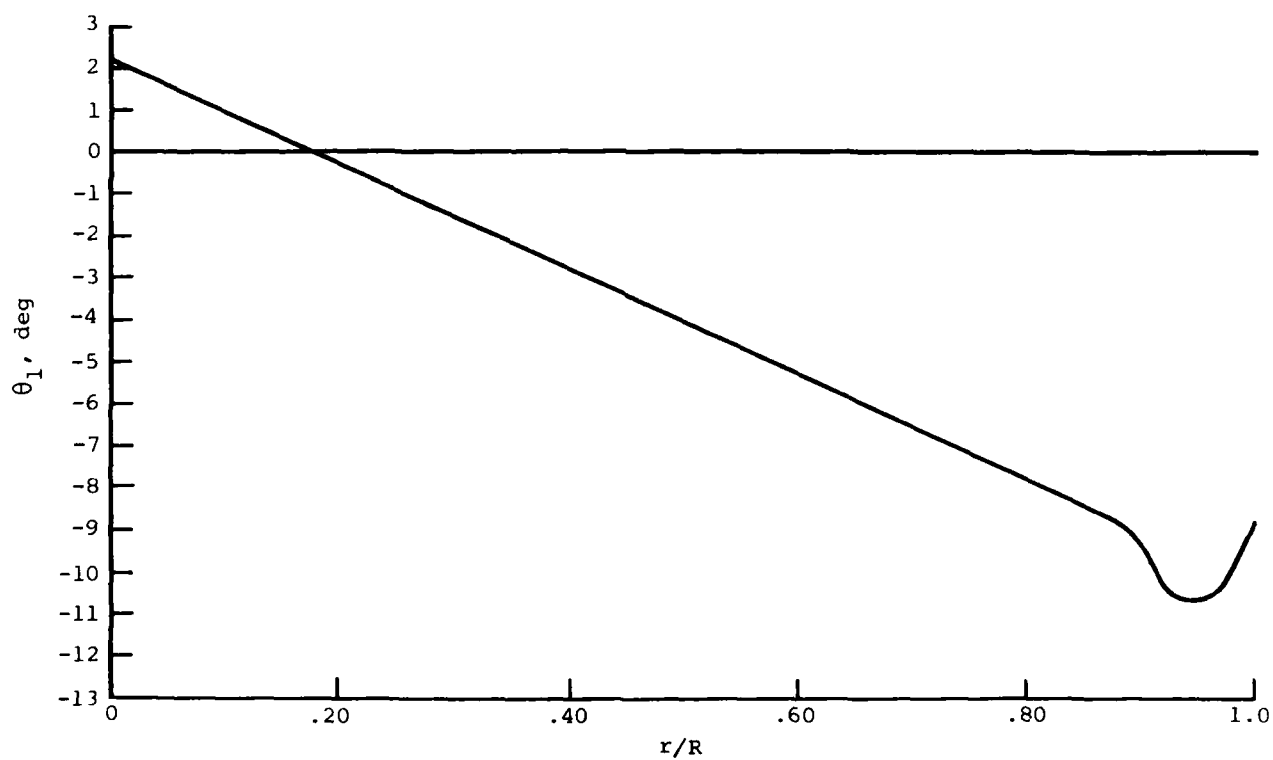
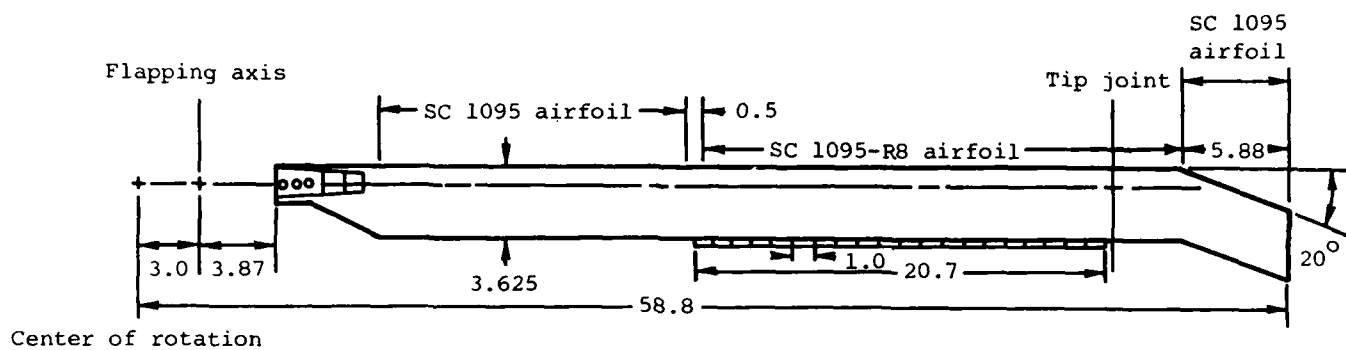
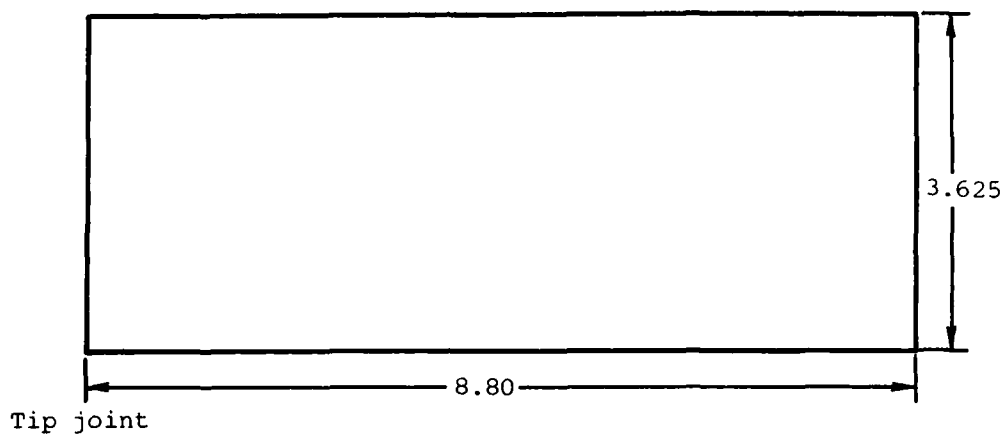
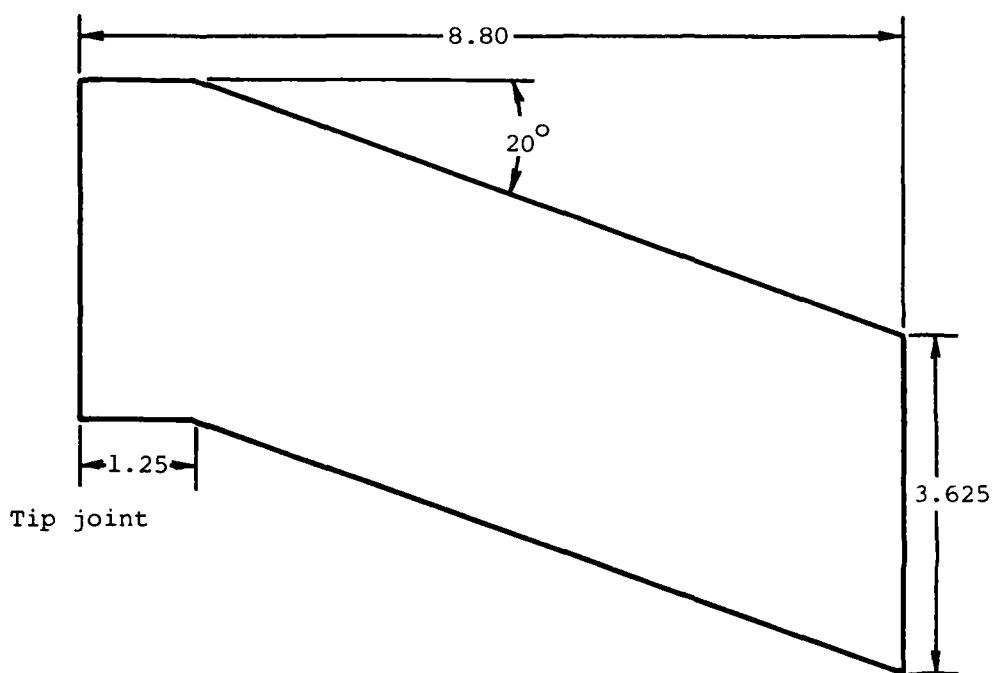


Figure 3.- Rotor blade geometry and built-in twist distribution.  
Blade dimensions are in inches unless otherwise indicated.

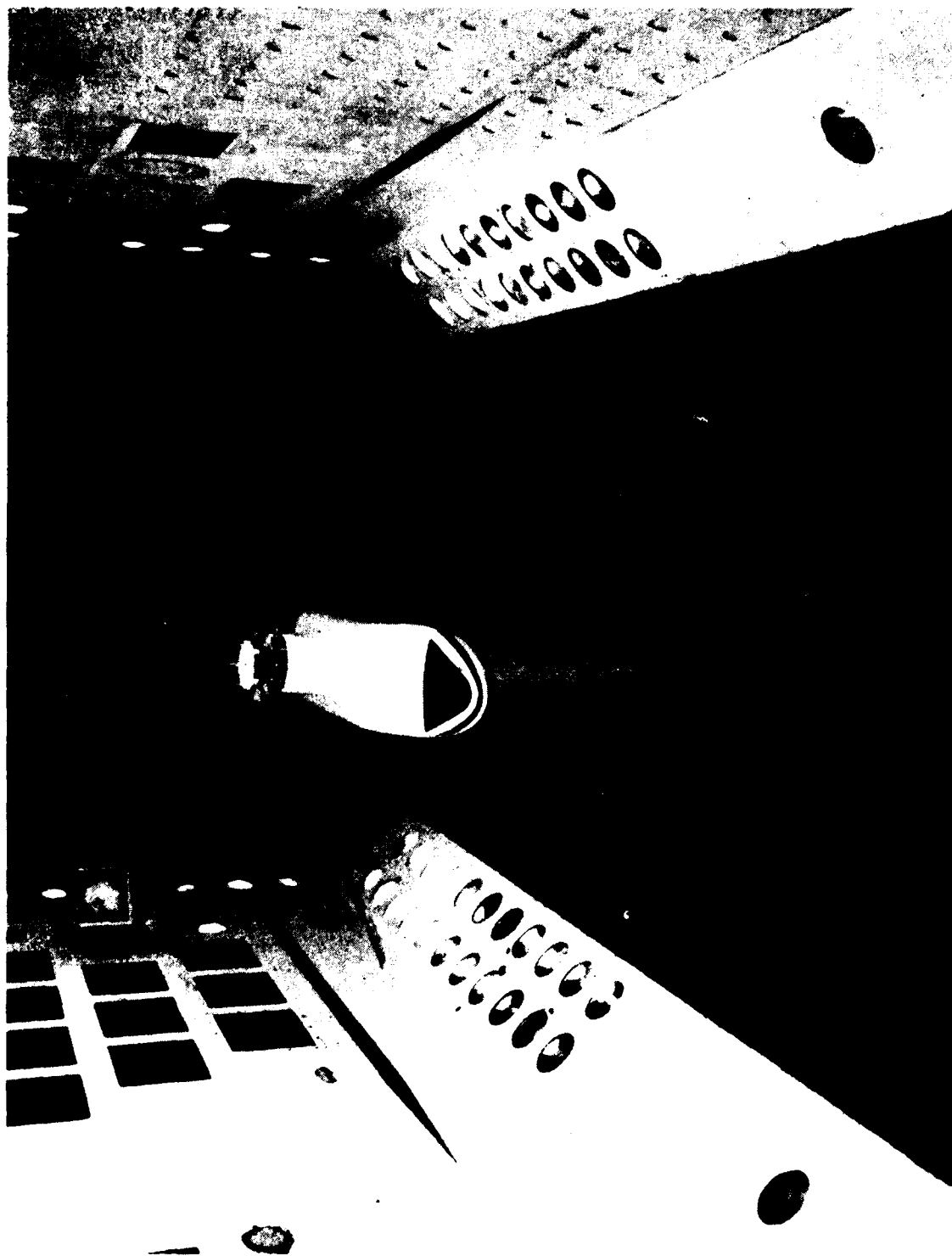


Rectangular tip



Swept tip

Figure 4.- Geometry of tips tested. Dimensions are given in inches unless otherwise indicated.



L-80-1238

Figure 5.- Aeroelastic rotor experimental system (ARES) model in  
Langley Transonic Dynamics Tunnel.

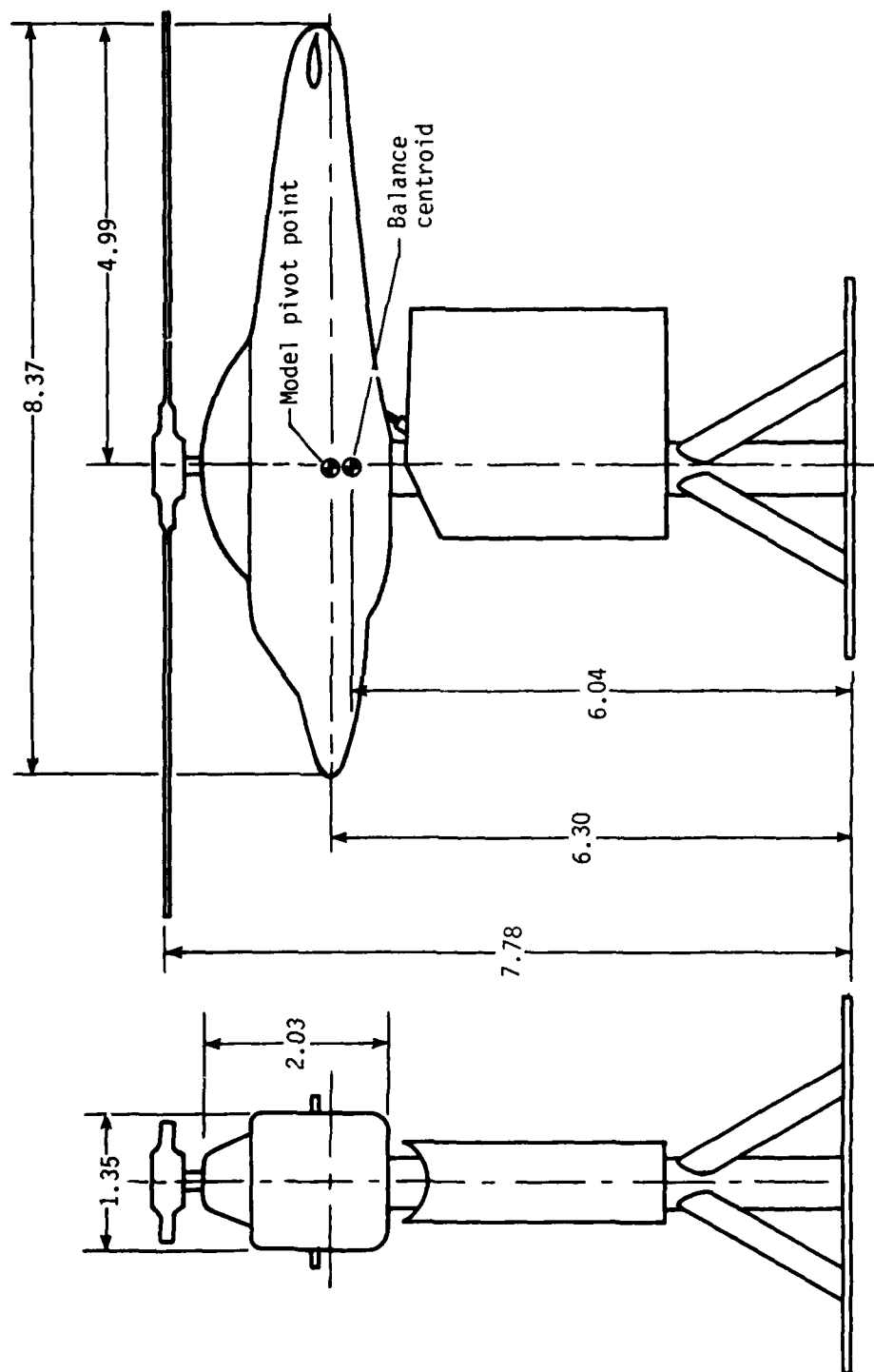
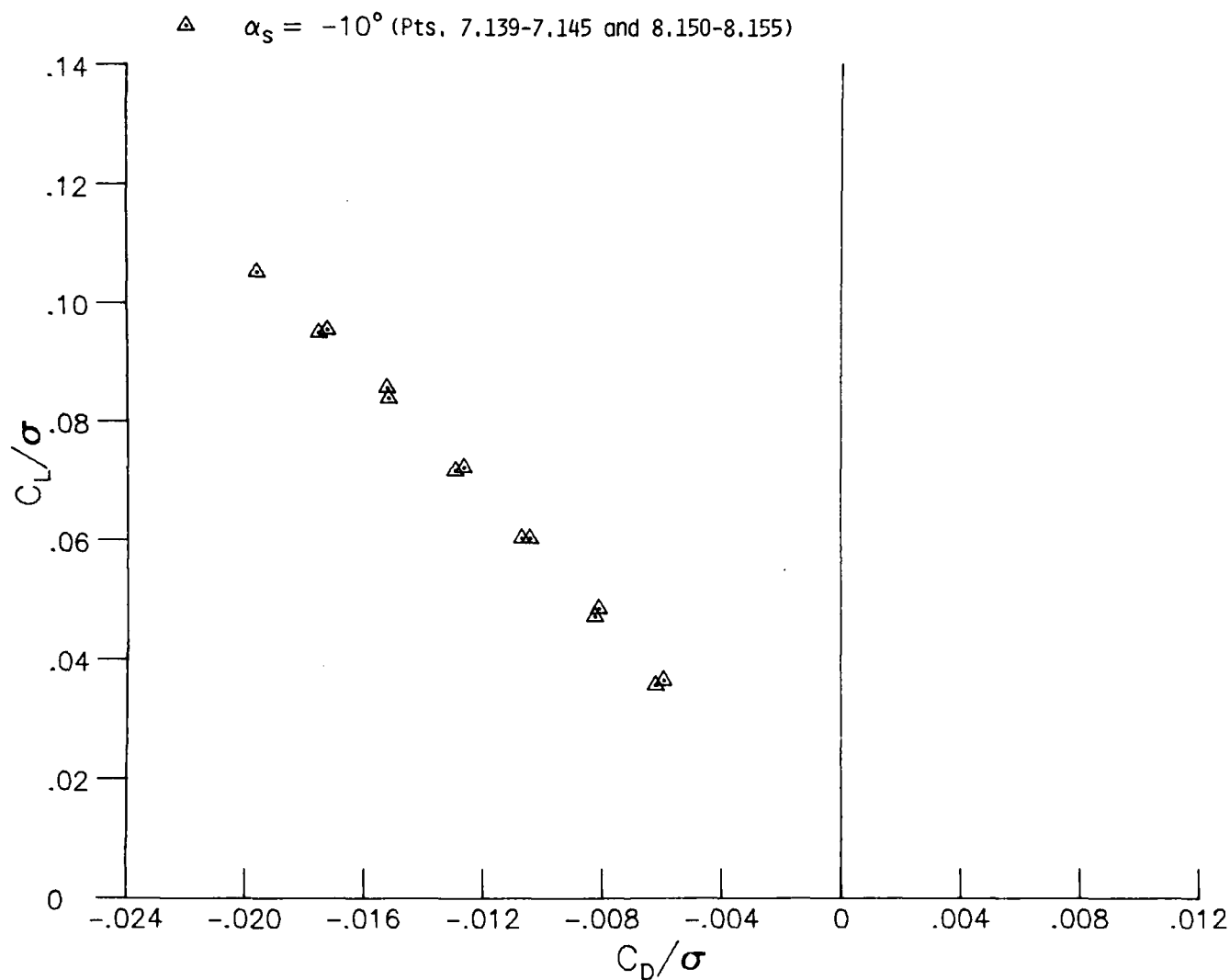
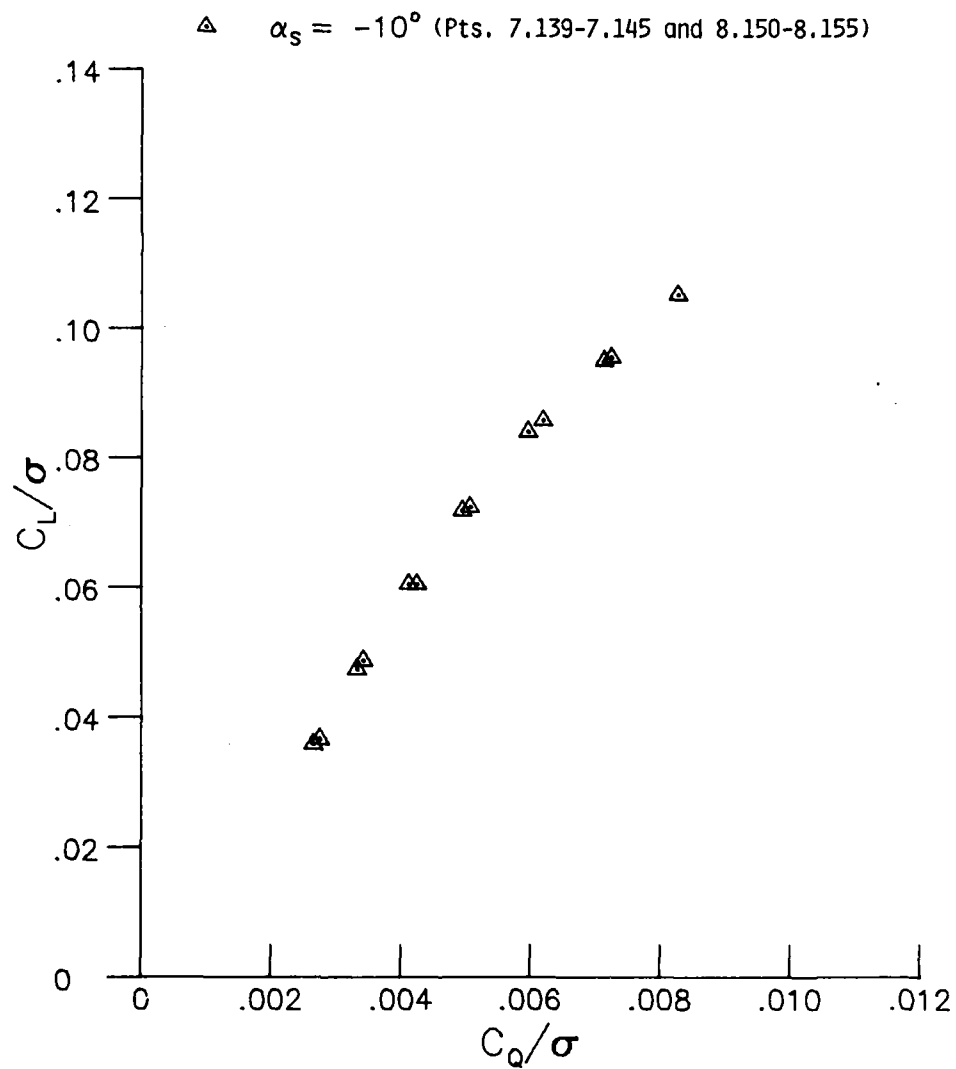


Figure 6.- Schematic diagram of aeroelastic rotor experimental system.  
All dimensions are in feet.



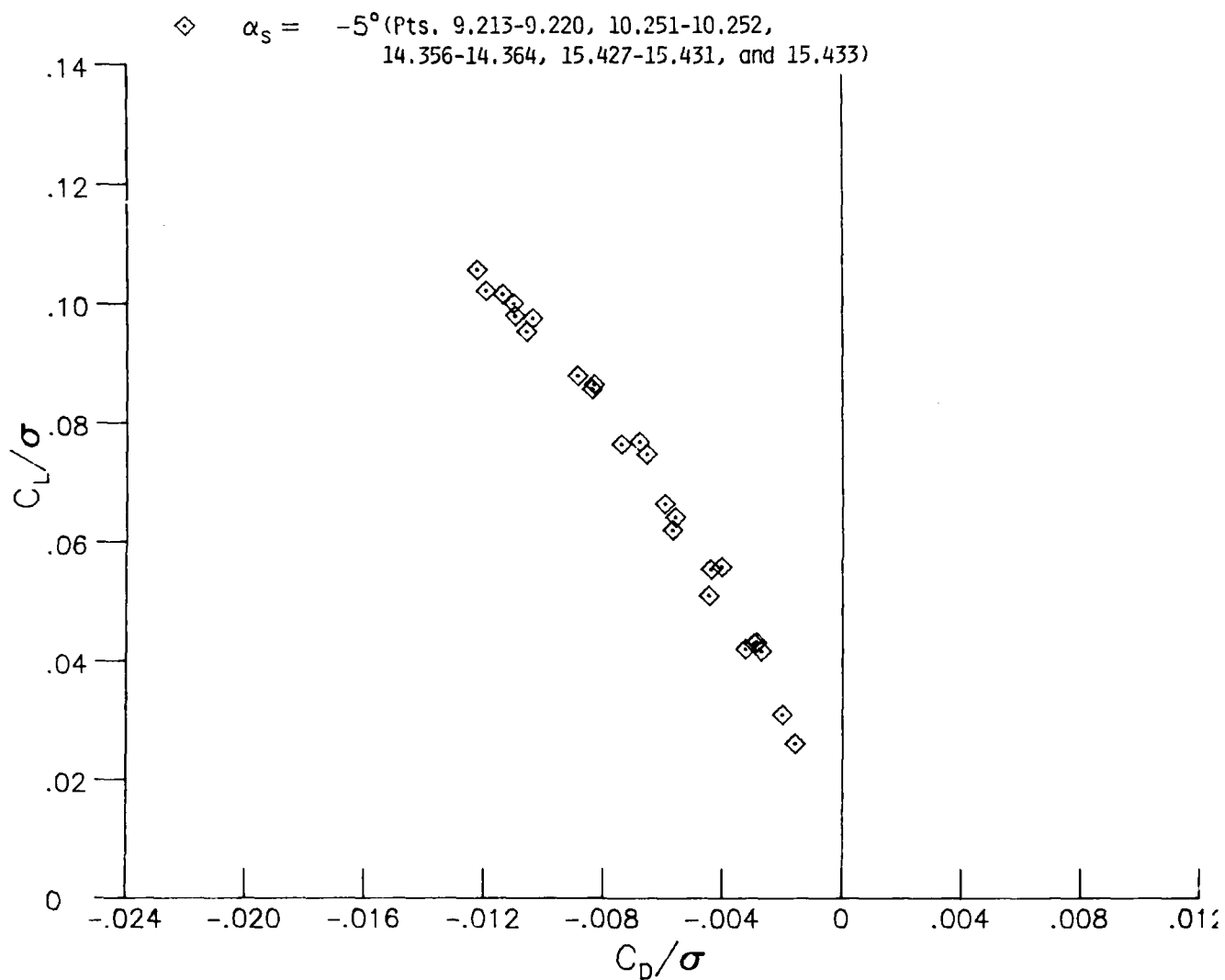
(a)  $C_L/\sigma$  versus  $C_D/\sigma$  at  $\mu = 0.20$  and  $M_T = 0.65$ .

Figure 7.- Rotor performance data for ACR blades with swept tips and  $4^\circ$  tabs. (See table III.)



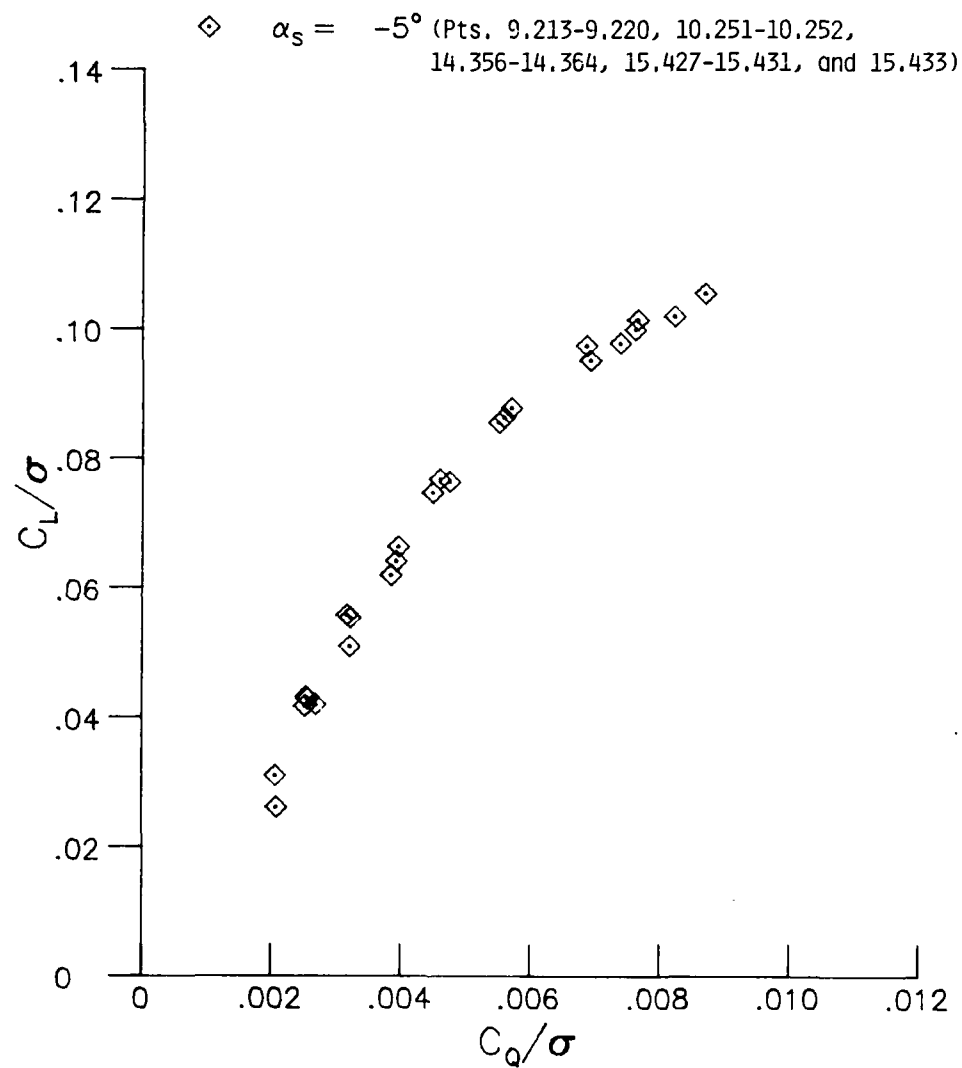
(b)  $C_L/\sigma$  versus  $C_Q/\sigma$  at  $\mu = 0.20$  and  $M_T = 0.65$ .

Figure 7.- Continued.



(c)  $C_L/\sigma$  versus  $C_D/\sigma$  at  $\mu = 0.30$  and  $M_T = 0.65$ .

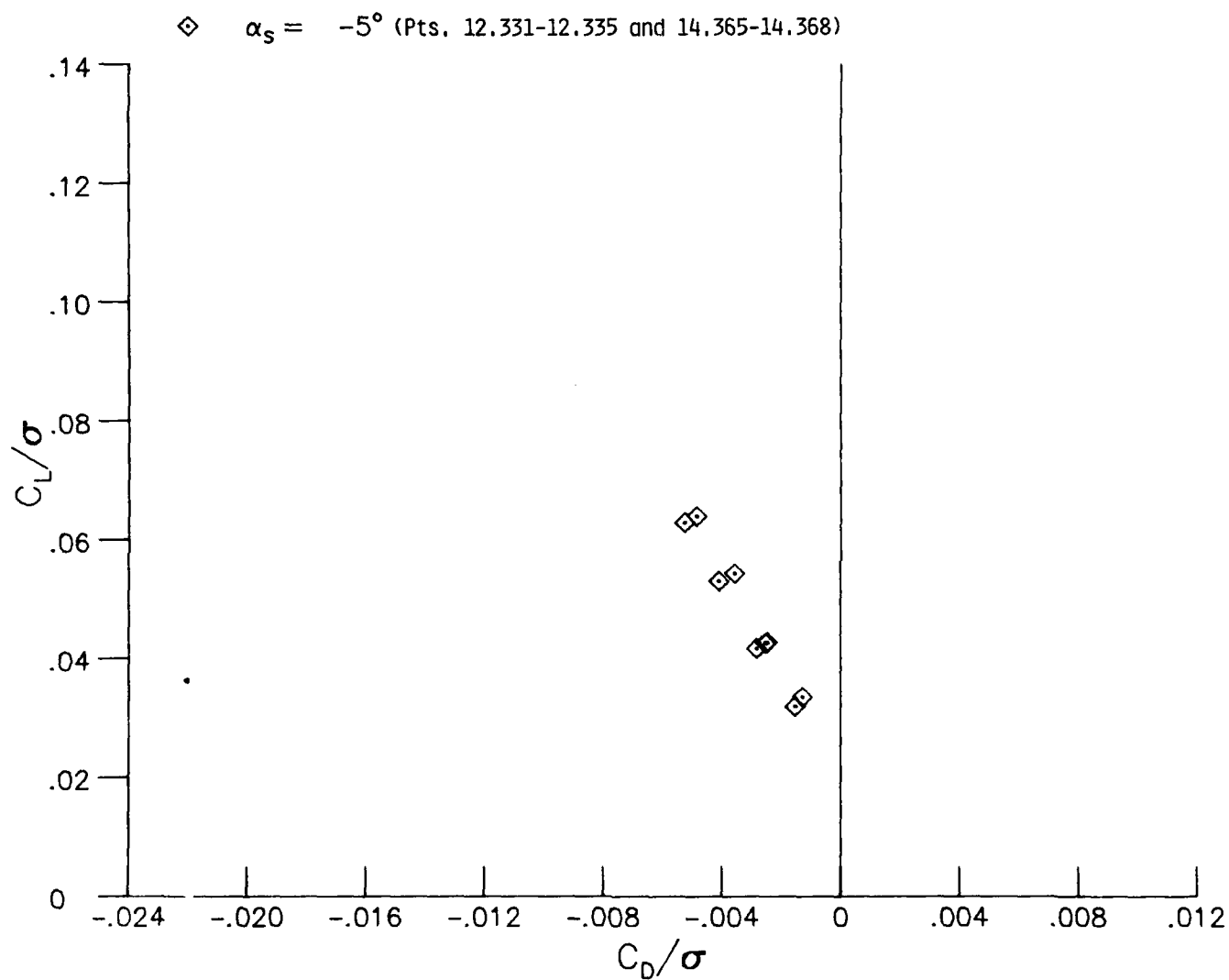
Figure 7.- Continued.



(d)  $C_L/\sigma$  versus  $C_Q/\sigma$  at  $\mu = 0.30$  and  $M_T = 0.65$ .

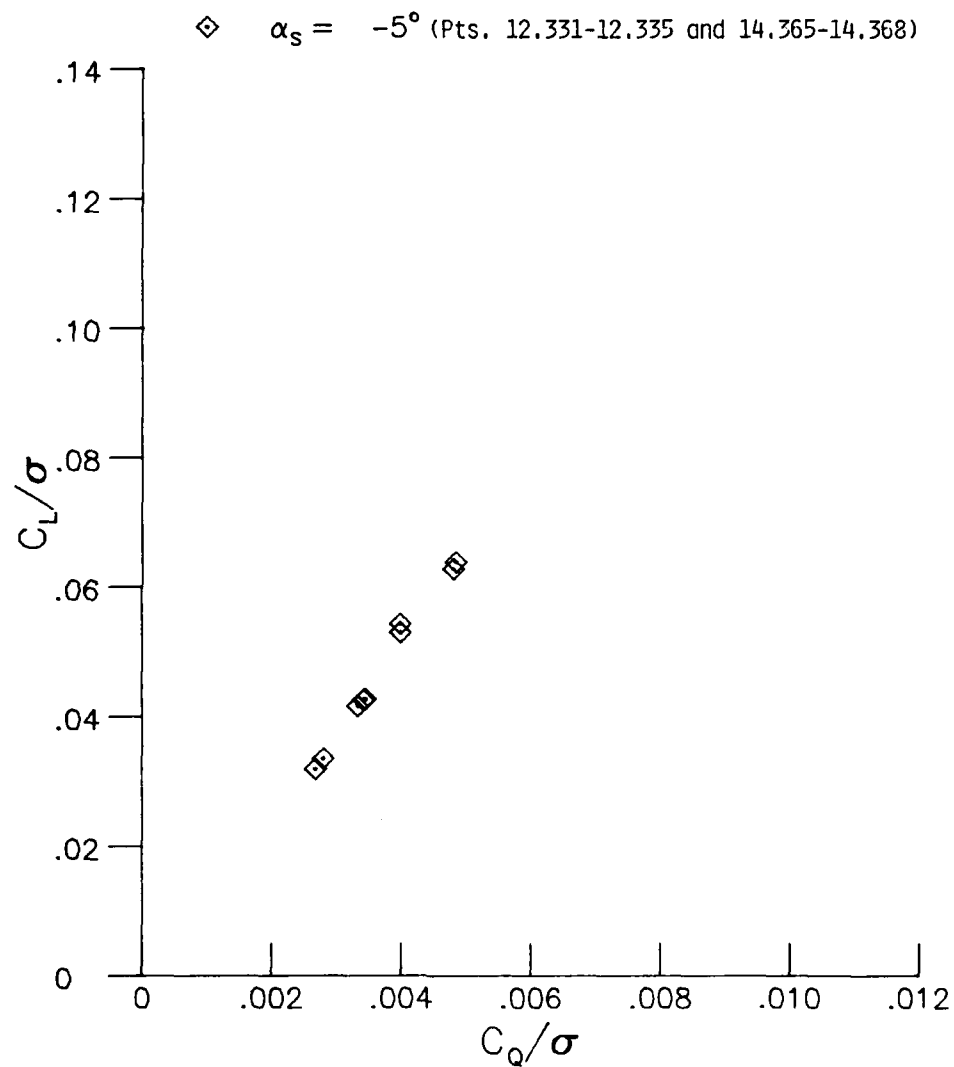
Figure 7.- Continued.





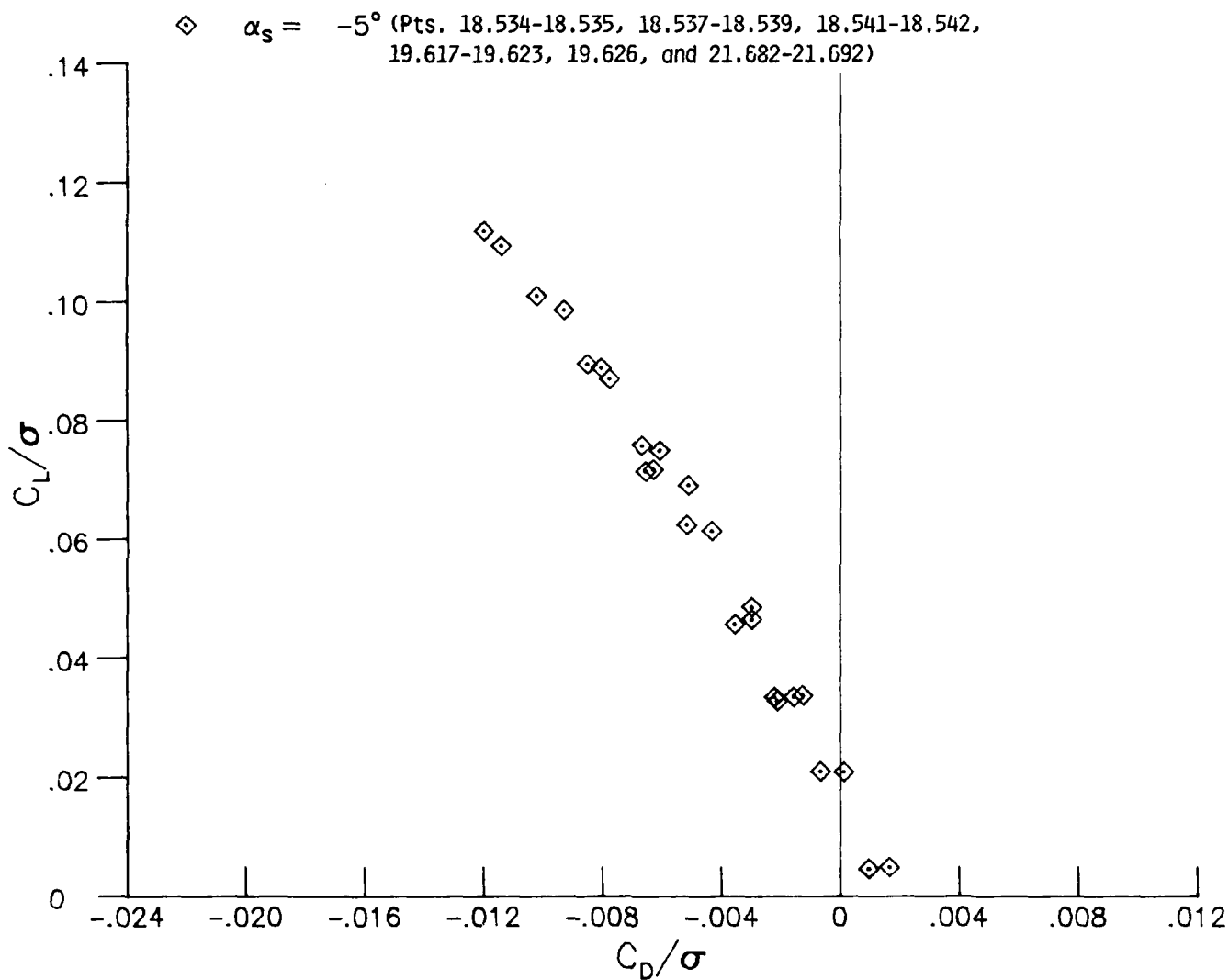
(e)  $C_L/\sigma$  versus  $C_D/\sigma$  at  $\mu = 0.40$  and  $M_T = 0.65$ .

Figure 7.- Continued.



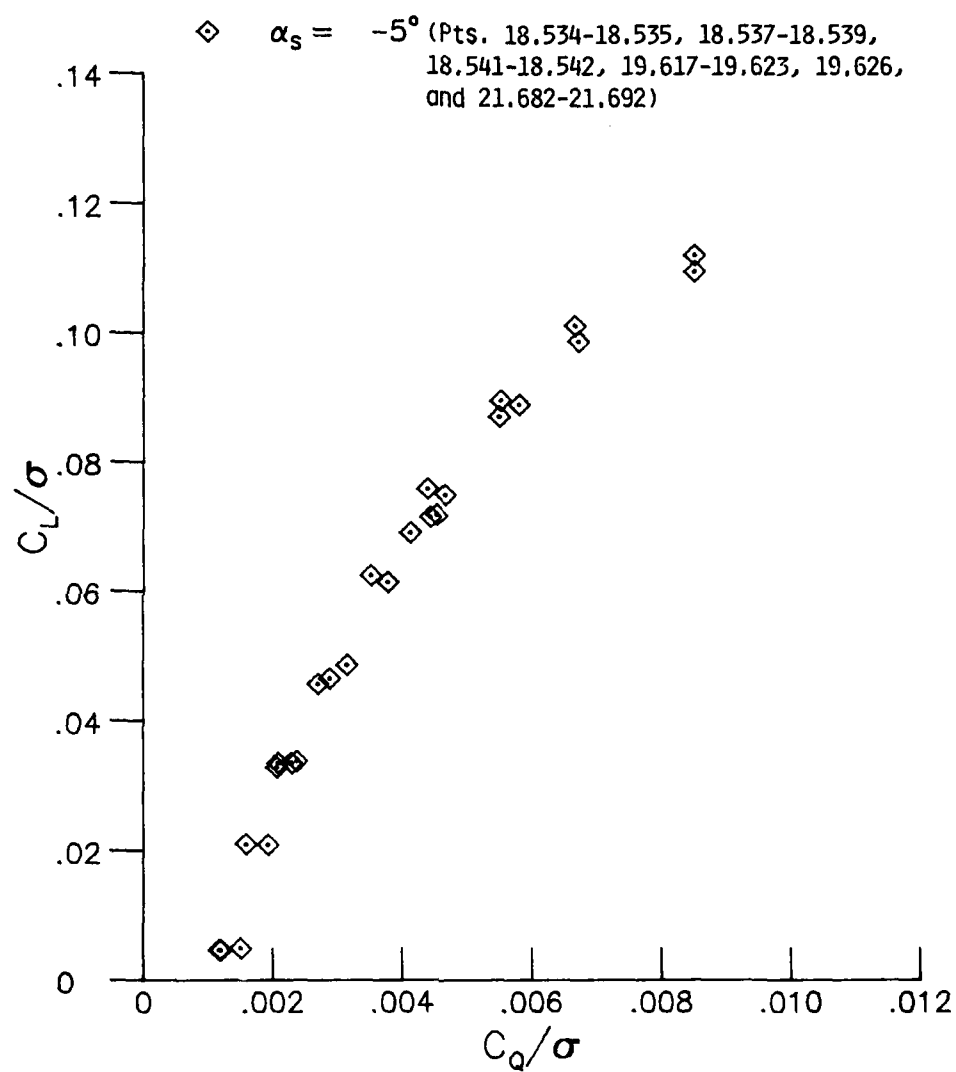
(f)  $C_L/\sigma$  versus  $C_Q/\sigma$  at  $\mu = 0.40$  and  $M_T = 0.65$ .

Figure 7.- Concluded.



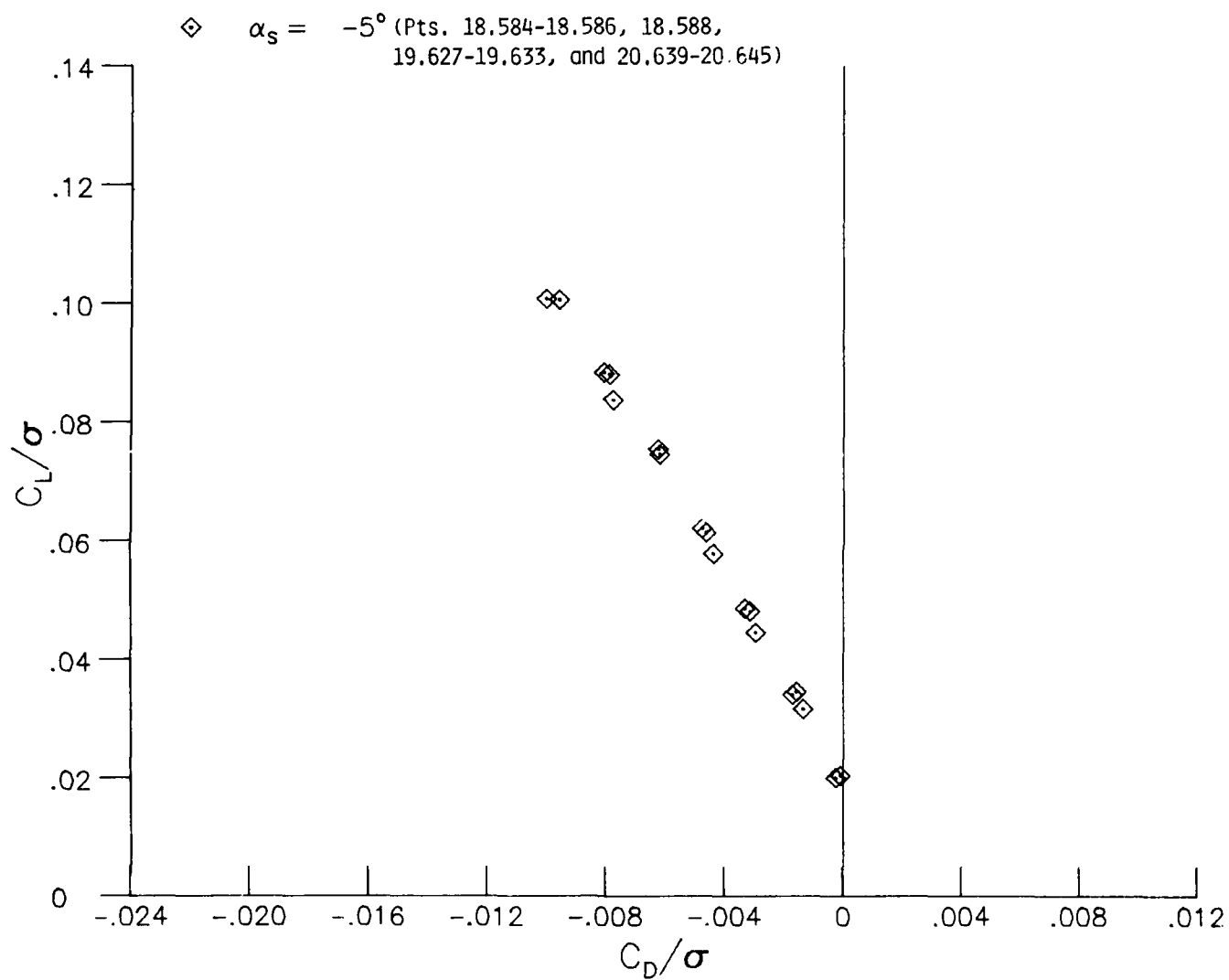
(a)  $C_L/\sigma$  versus  $C_D/\sigma$  at  $\mu = 0.30$  and  $M_T = 0.65$ .

Figure 8.- Rotor performance data for baseline blade with swept tip and  $0^\circ$  tabs. (See table IV.)



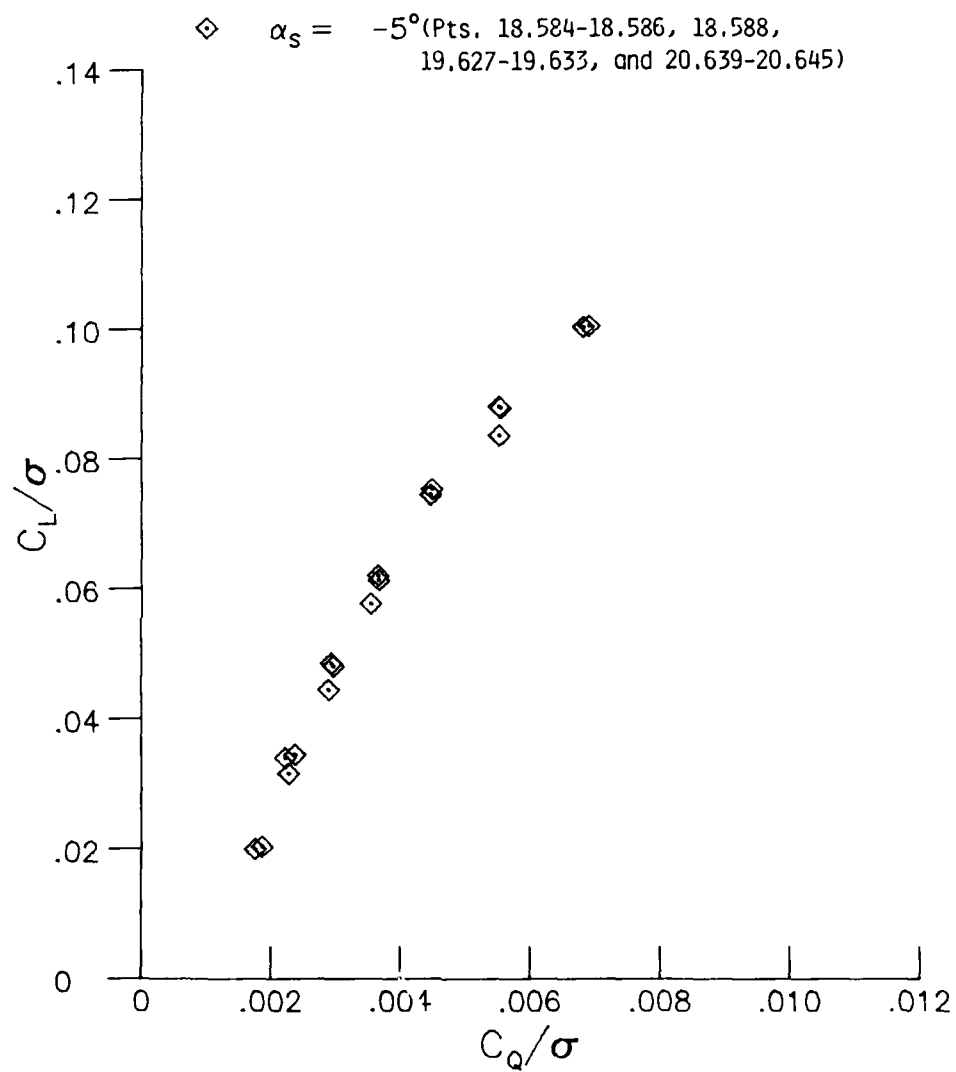
(b)  $C_L/\sigma$  versus  $C_Q/\sigma$  at  $\mu = 0.30$  and  $M_T = 0.65$ .

Figure 8.- Continued.



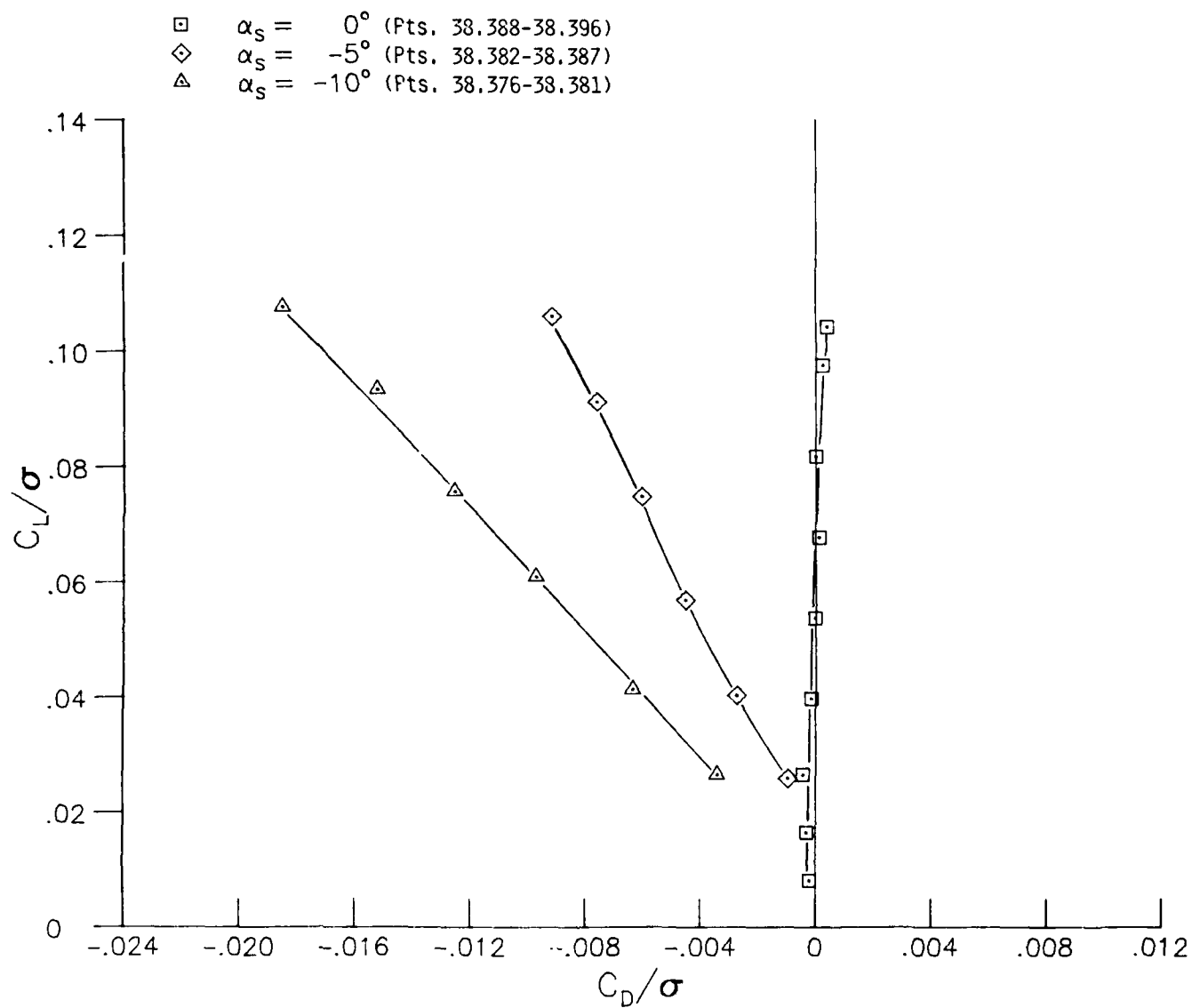
(c)  $C_L/\sigma$  versus  $C_D/\sigma$  at  $\mu = 0.30$  and  $M_T = 0.68$ .

Figure 8.- Continued.



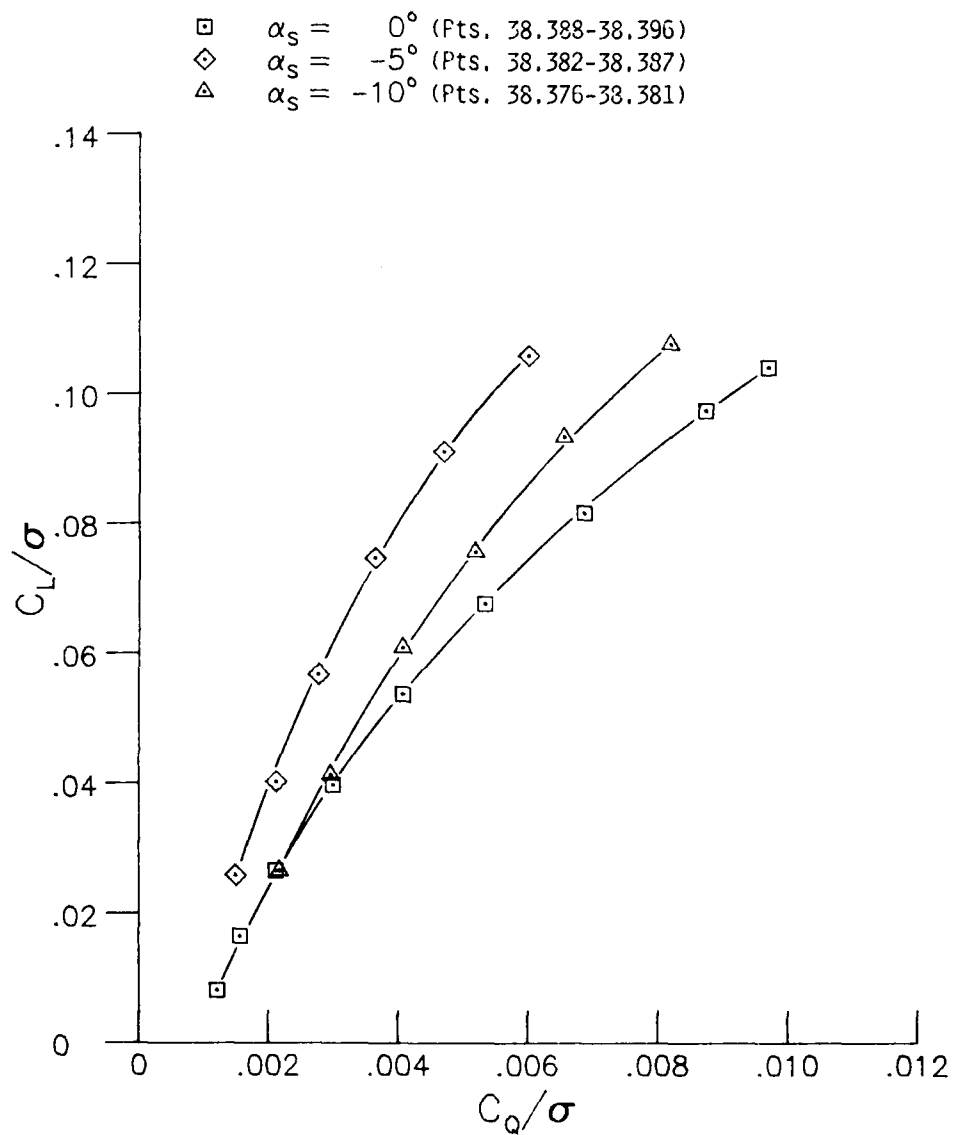
(d)  $C_L/\sigma$  versus  $C_Q/\sigma$  at  $\mu = 0.30$  and  $M_T = 0.68$ .

Figure 8.- Concluded.



(a)  $C_L/\sigma$  versus  $C_D/\sigma$  at  $\mu = 0.20$  and  $M_T = 0.65$ .

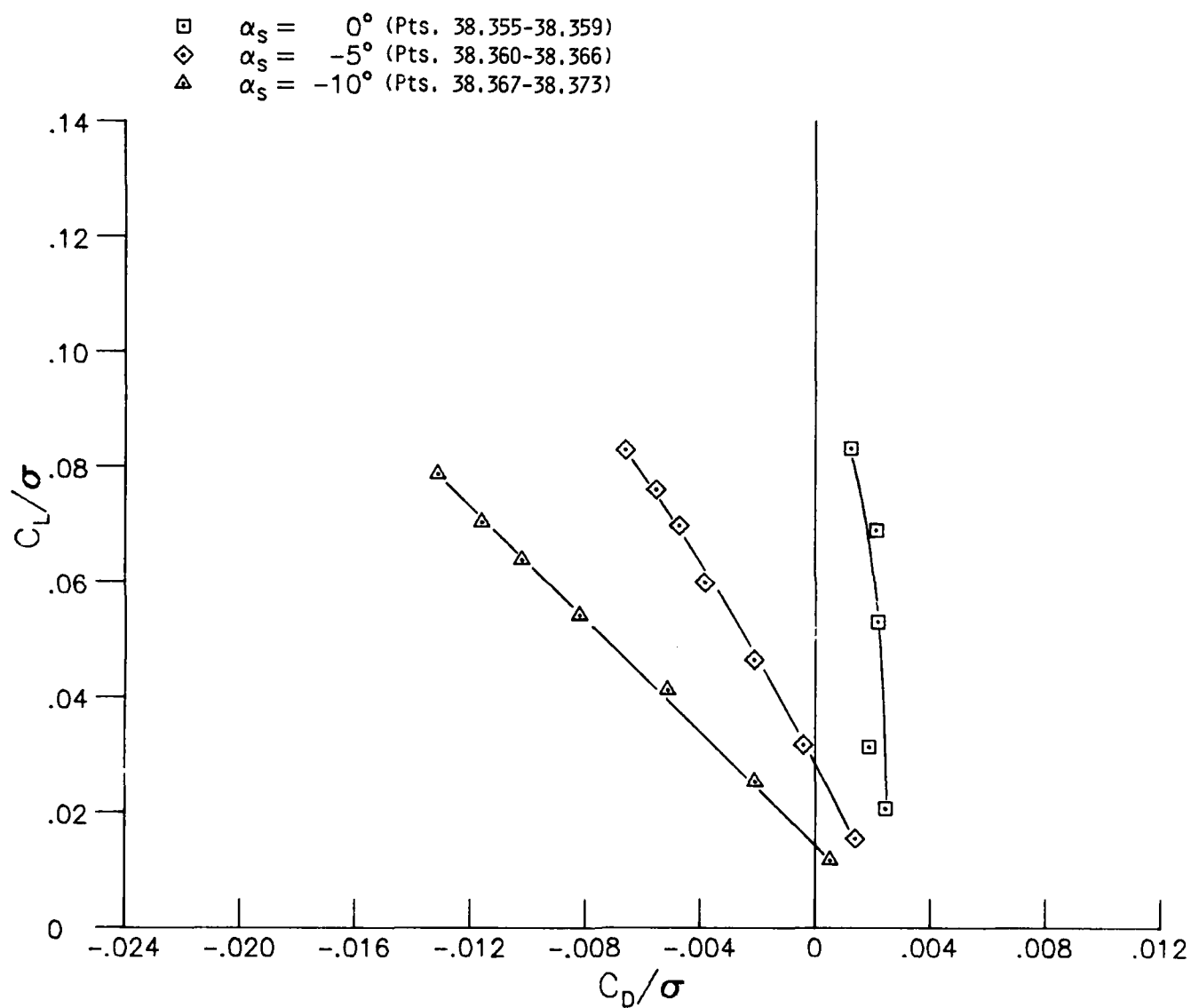
Figure 9.- Rotor performance data for ACR blade with rectangular tip and  $0^\circ$  tabs.



(b)  $C_L/\sigma$  versus  $C_Q/\sigma$  at  $\mu = 0.20$  and  $M_T = 0.65$ .

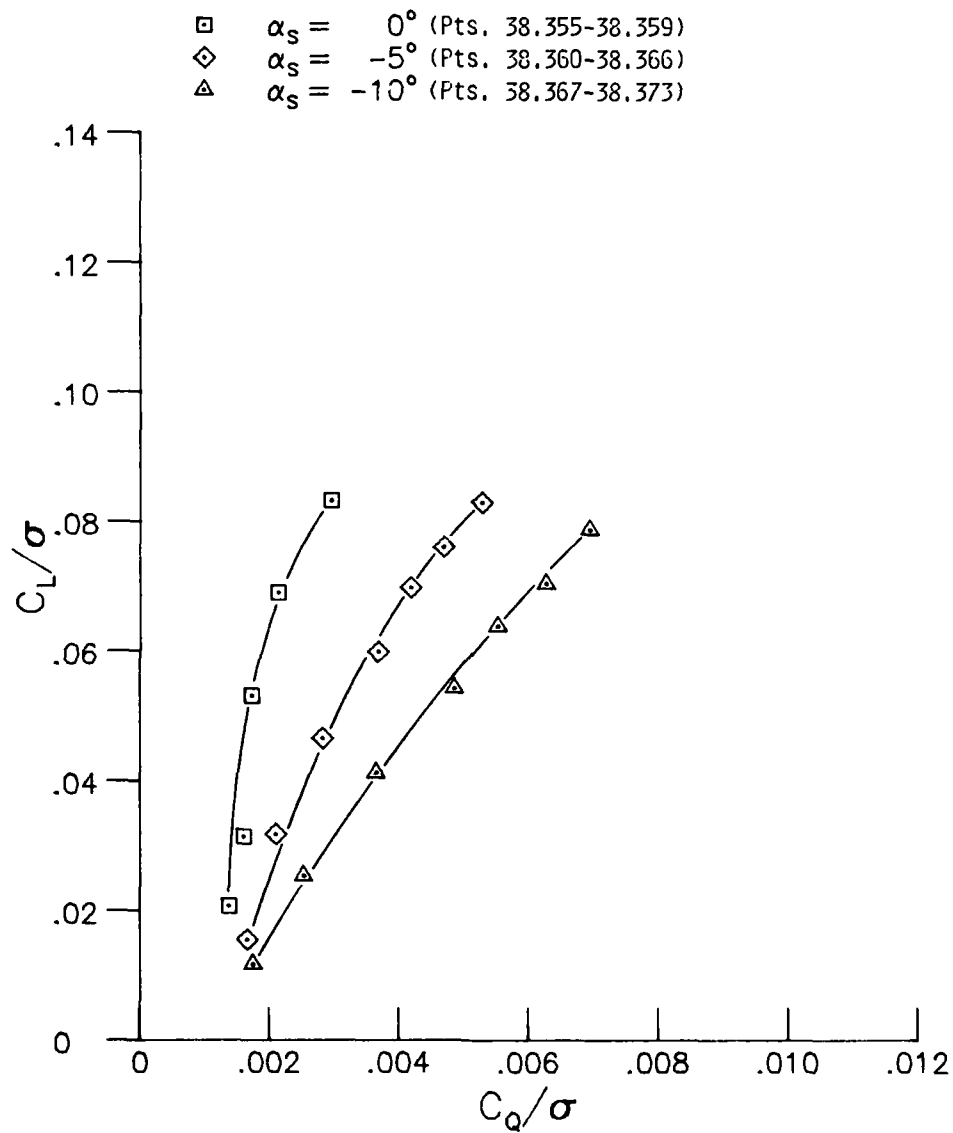
Figure 9.- Continued.





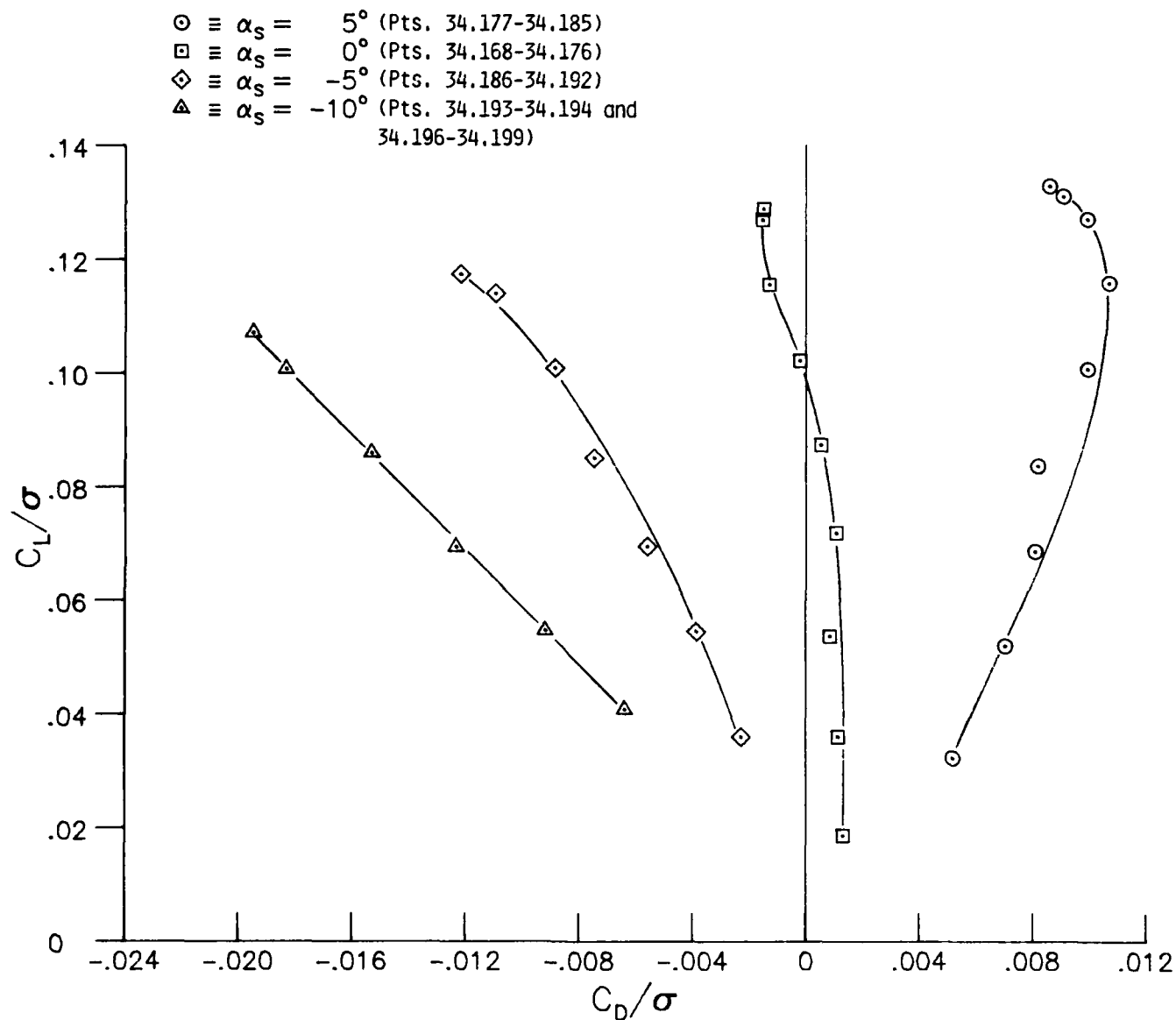
(c)  $C_L/\sigma$  versus  $C_D/\sigma$  at  $\mu = 0.30$  and  $M_T = 0.65$ .

Figure 9.- Continued.



(d)  $C_L/\sigma$  versus  $C_Q/\sigma$  at  $\mu = 0.30$  and  $M_T = 0.65$ .

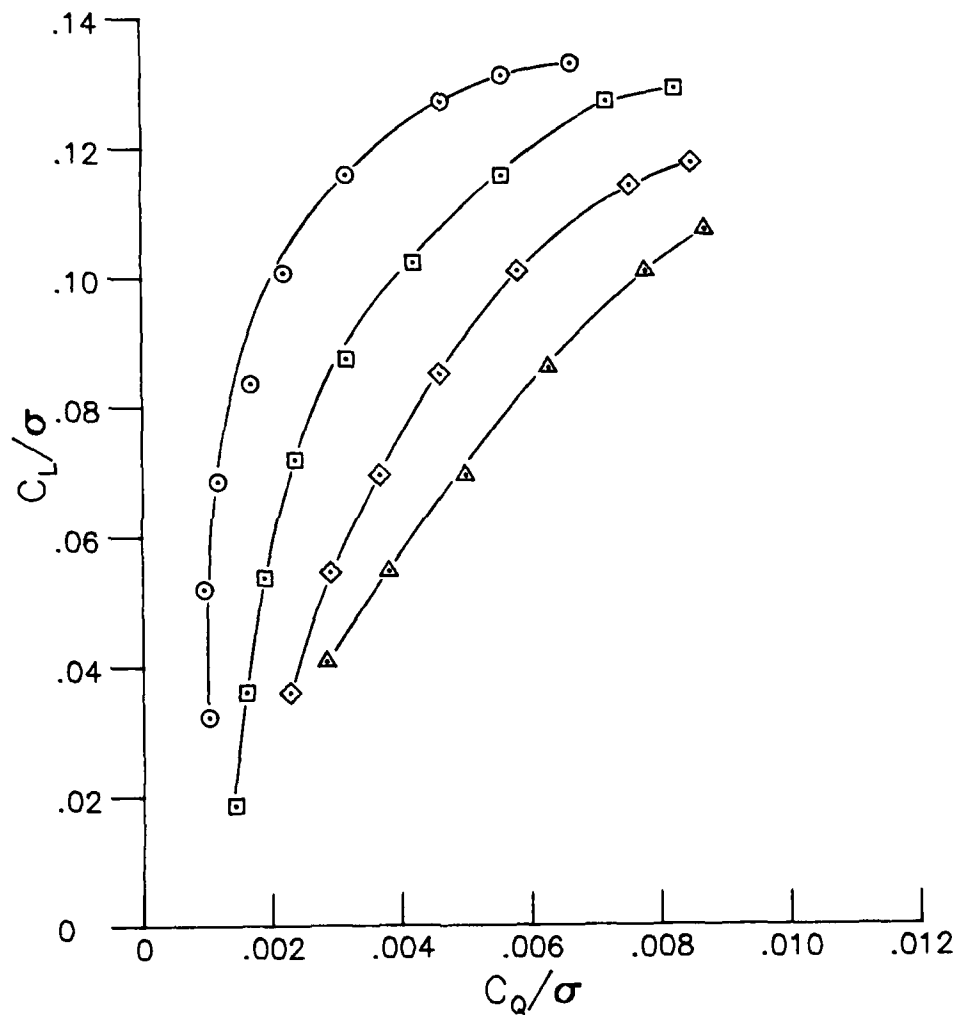
Figure 9.- Concluded.



(a)  $C_L/\sigma$  versus  $C_D/\sigma$  at  $\mu = 0.20$  and  $M_T = 0.65$ .

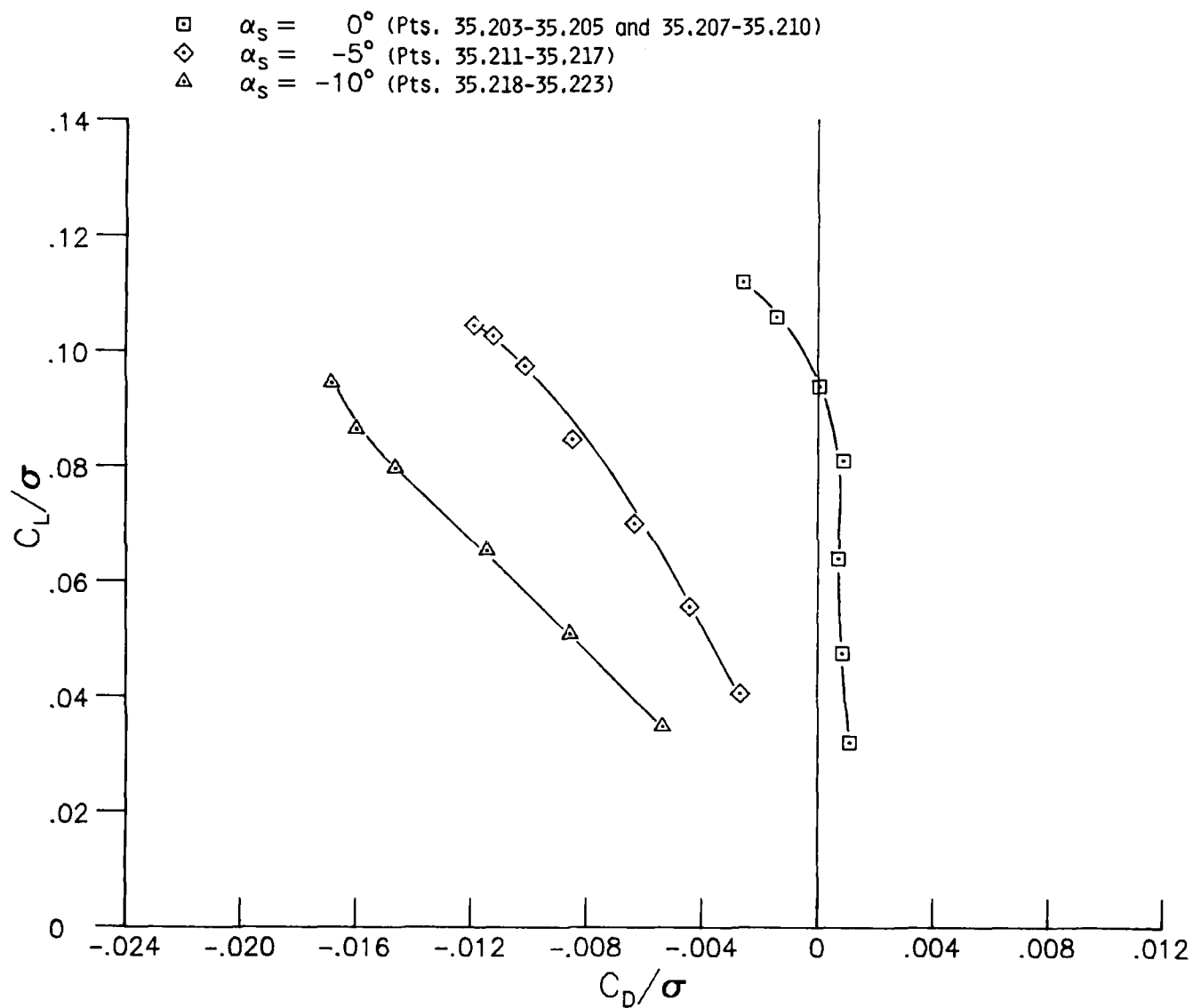
Figure 10.- Rotor performance data for ACR blade with rectangular tip and  $4^\circ$  tabs.

- $\alpha_s = 5^\circ$  (Pts. 34.177-34.185)
- $\alpha_s = 0^\circ$  (Pts. 34.168-34.176)
- ◇  $\alpha_s = -5^\circ$  (Pts. 34.186-34.192)
- △  $\alpha_s = -10^\circ$  (Pts. 34.193-34.194 and 34.196-34.199)



(b)  $C_L/\sigma$  versus  $C_Q/\sigma$  at  $\mu = 0.20$  and  $M_T = 0.65$ .

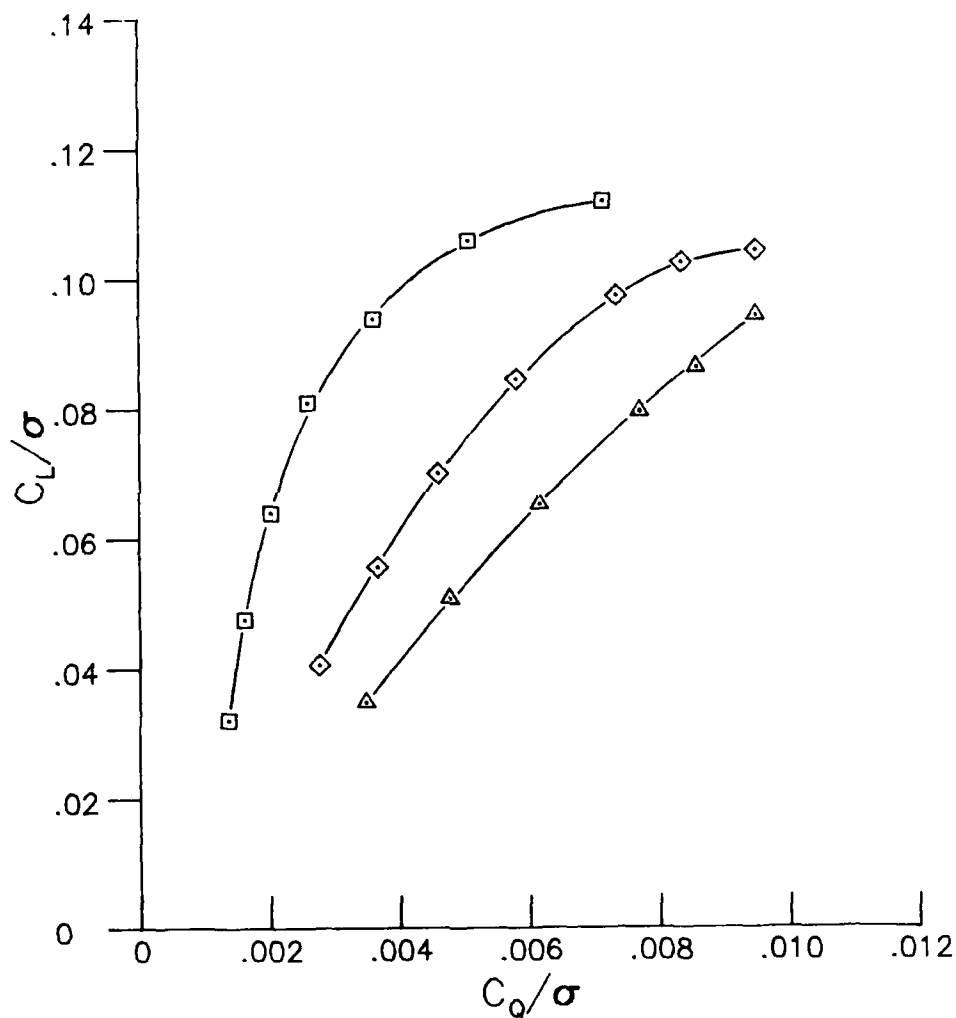
Figure 10.- Continued.



(c)  $C_L/\sigma$  versus  $C_D/\sigma$  for  $\mu = 0.30$  and  $M_T = 0.62$ .

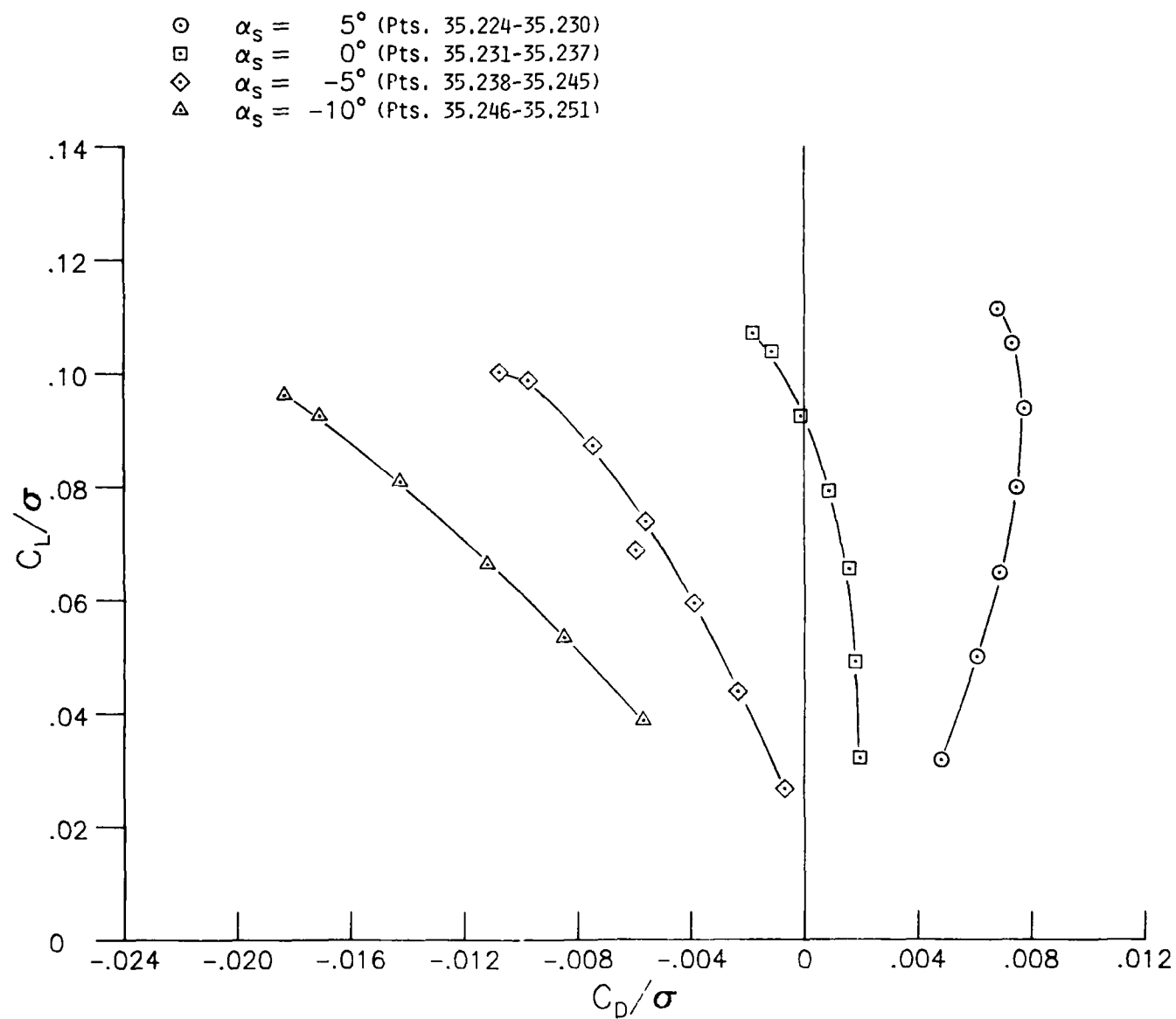
Figure 10.- Continued.

- $\alpha_s = 0^\circ$  (Pts. 35.203-35.205 and 35.207-35.210)
- ◇  $\alpha_s = -5^\circ$  (Pts. 35.211-35.217)
- △  $\alpha_s = -10^\circ$  (Pts. 35.218-35.223)



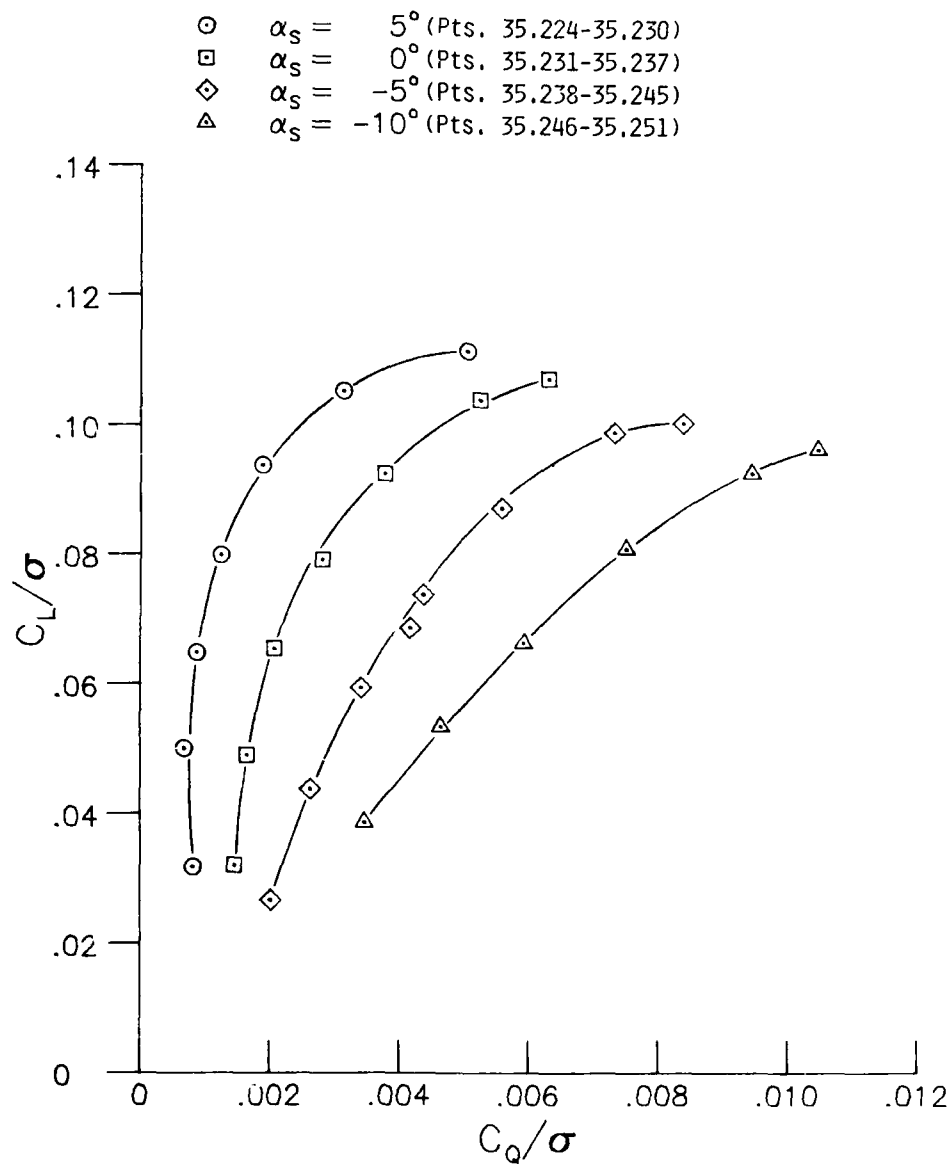
(d)  $C_L/\sigma$  versus  $C_Q/\sigma$  for  $\mu = 0.30$  and  $M_T = 0.62$ .

Figure 10.- Continued.



(e)  $C_L/\sigma$  versus  $C_D/\sigma$  at  $\mu = 0.30$  and  $M_T = 0.65$ .

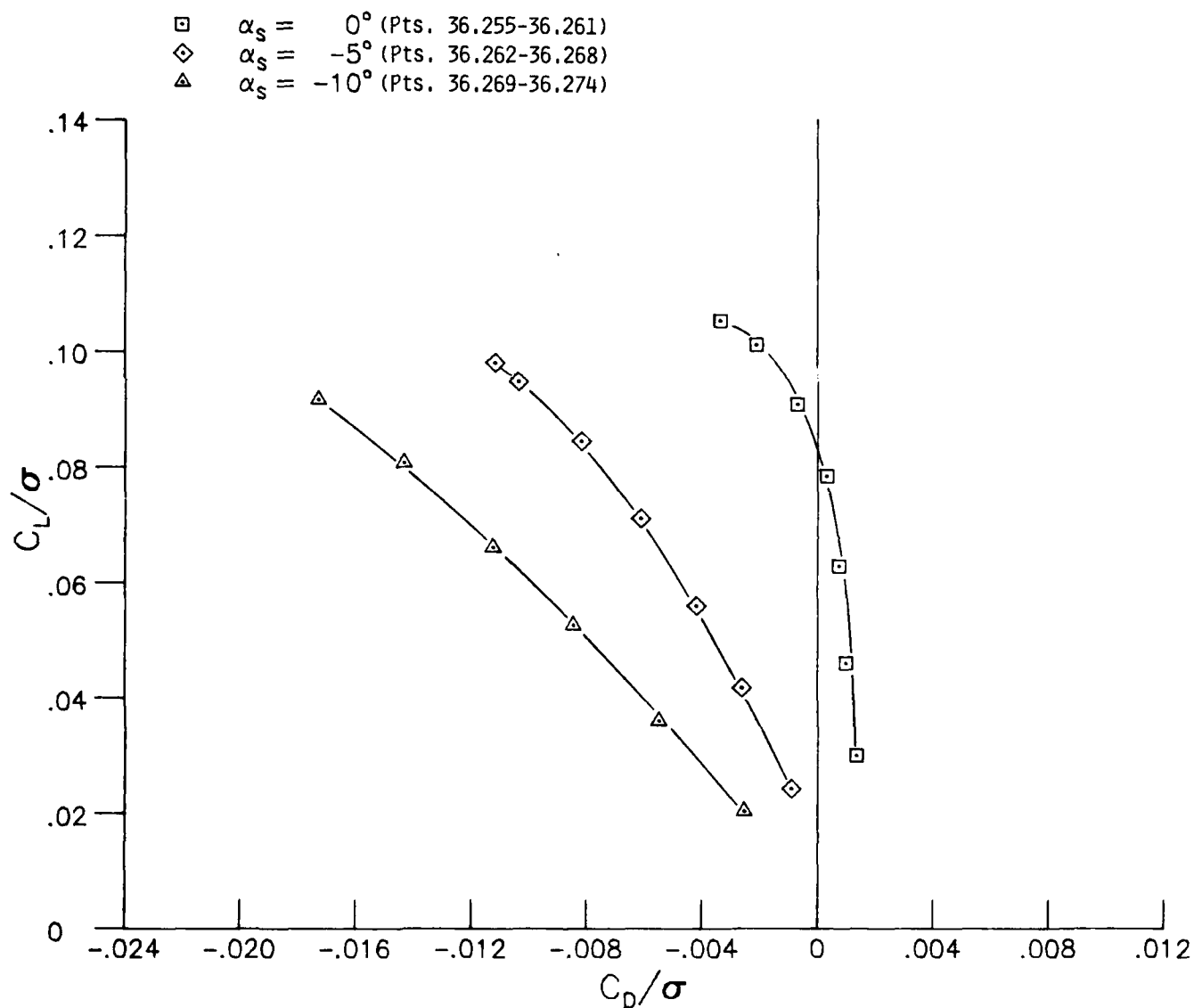
Figure 10.- Continued.



(f)  $C_L/\sigma$  versus  $C_Q/\sigma$  at  $\mu = 0.30$  and  $M_T = 0.65$ .

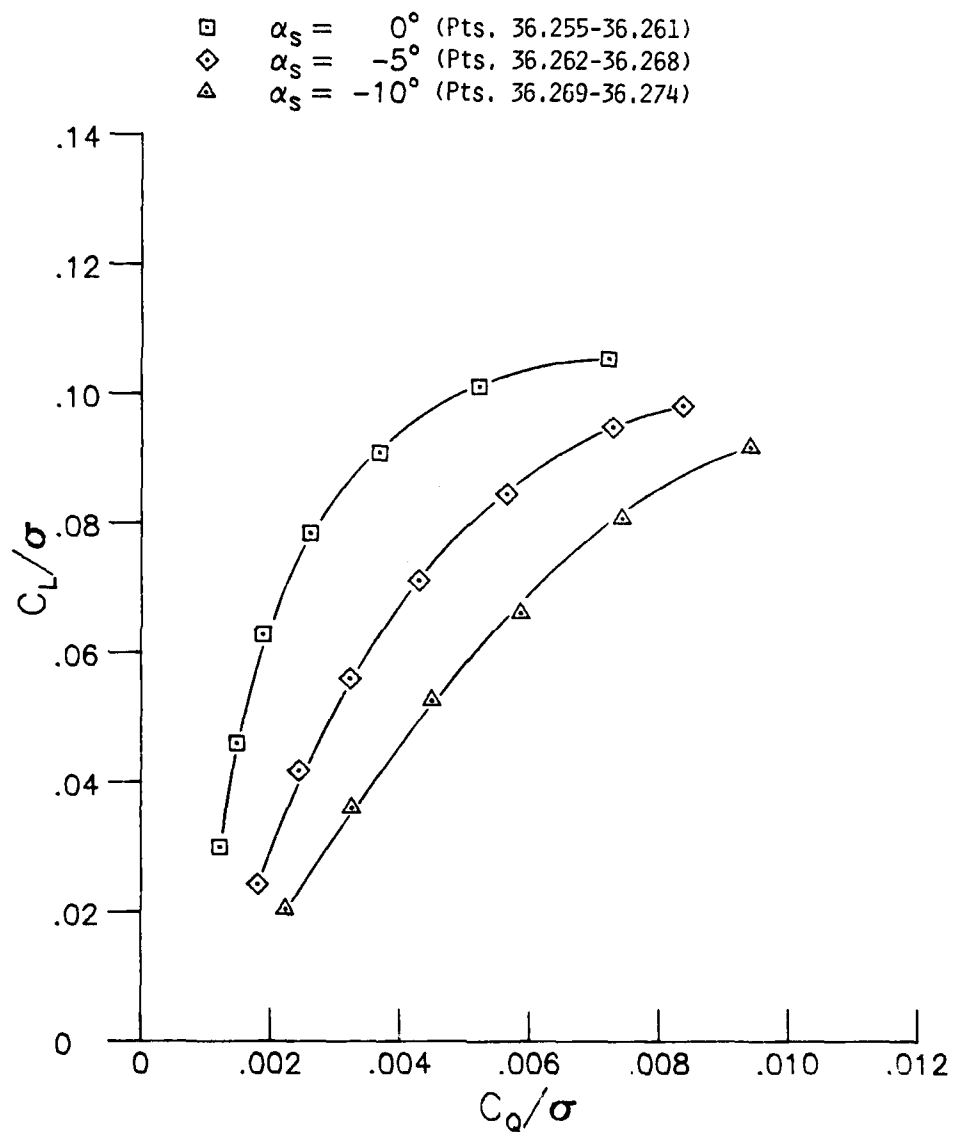
Figure 10.- Continued.





(g)  $C_L/\sigma$  versus  $C_D/\sigma$  at  $\mu = 0.30$  and  $M_T = 0.68$ .

Figure 10.- Continued.



(h)  $C_L/\sigma$  versus  $C_Q/\sigma$  at  $\mu = 0.30$  and  $M_T = 0.68$ .

Figure 10.- Continued.

AD-A128 588

LOADS AND PERFORMANCE DATA FROM A WIND-TUNNEL TEST OF  
MODEL ARTICULATED H. (U) NATIONAL AERONAUTICS AND SPACE  
ADMINISTRATION HAMPTON VA LANG. W T YEAGER ET AL

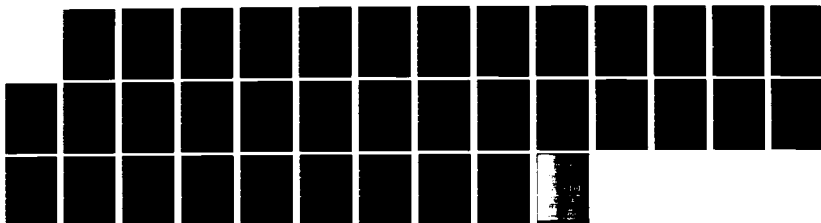
4/4

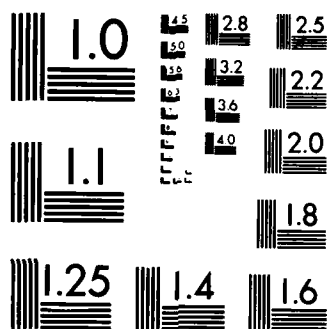
UNCLASSIFIED

APR 83 NASA-L-15587 NASA-TM-84573

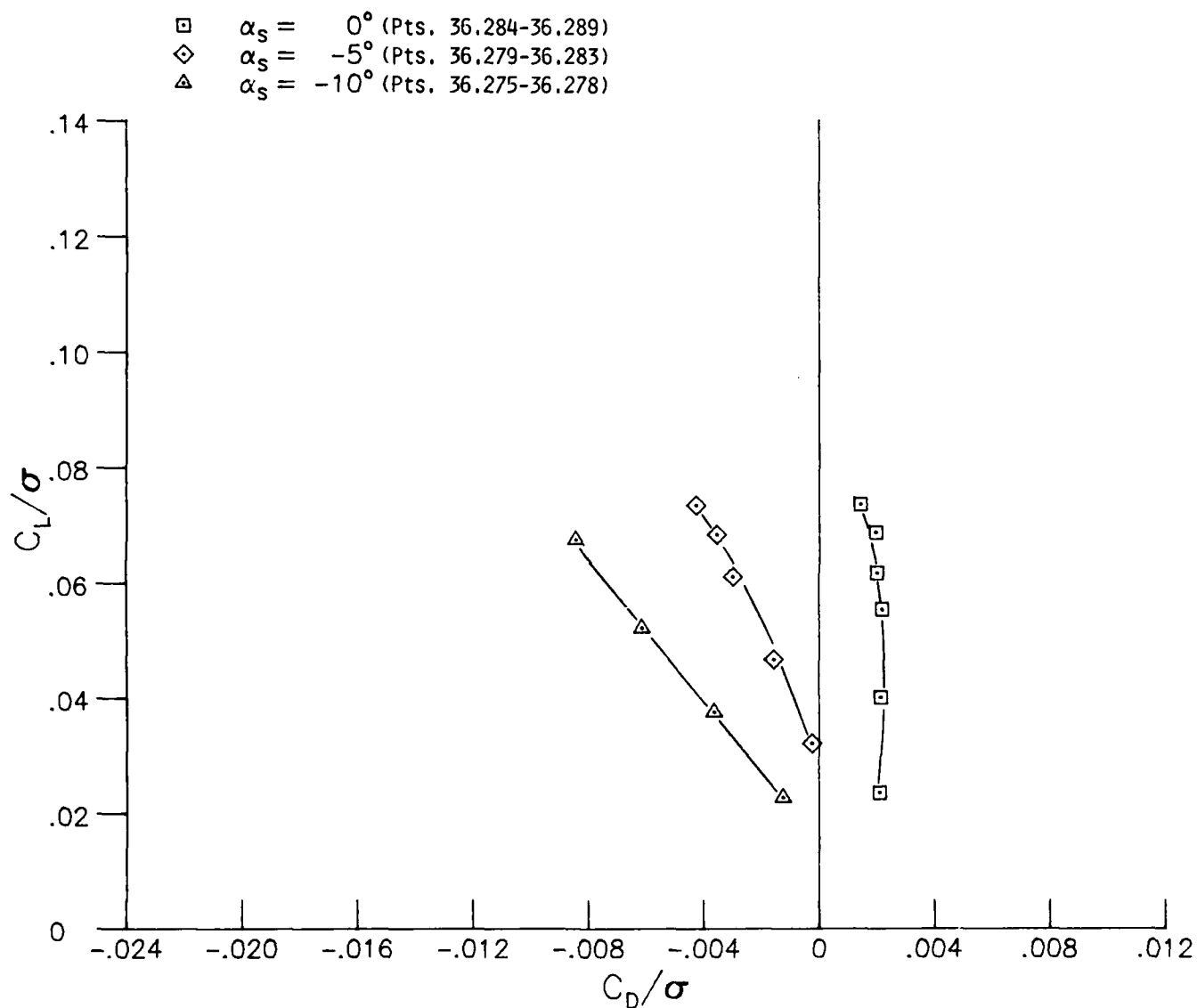
F/G 28/4

NL



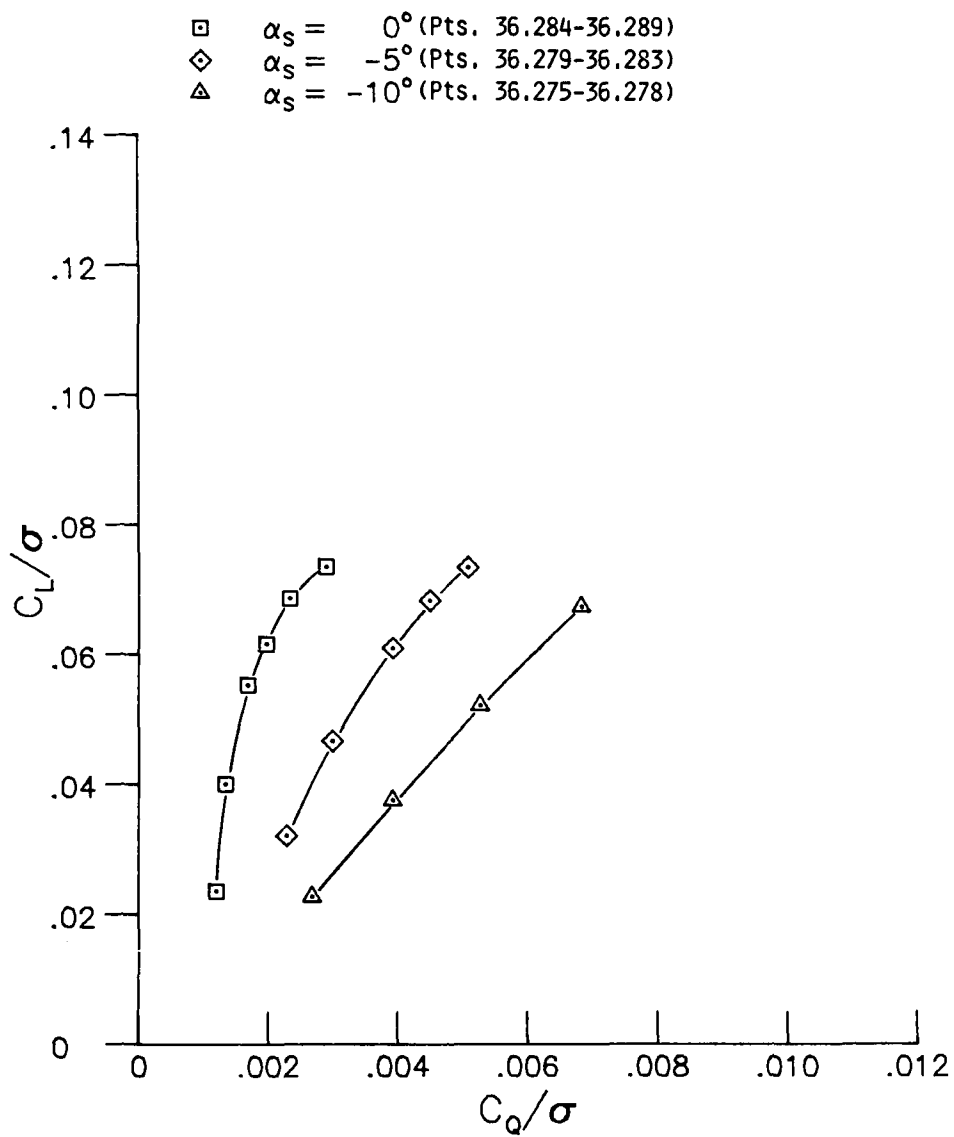


MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A



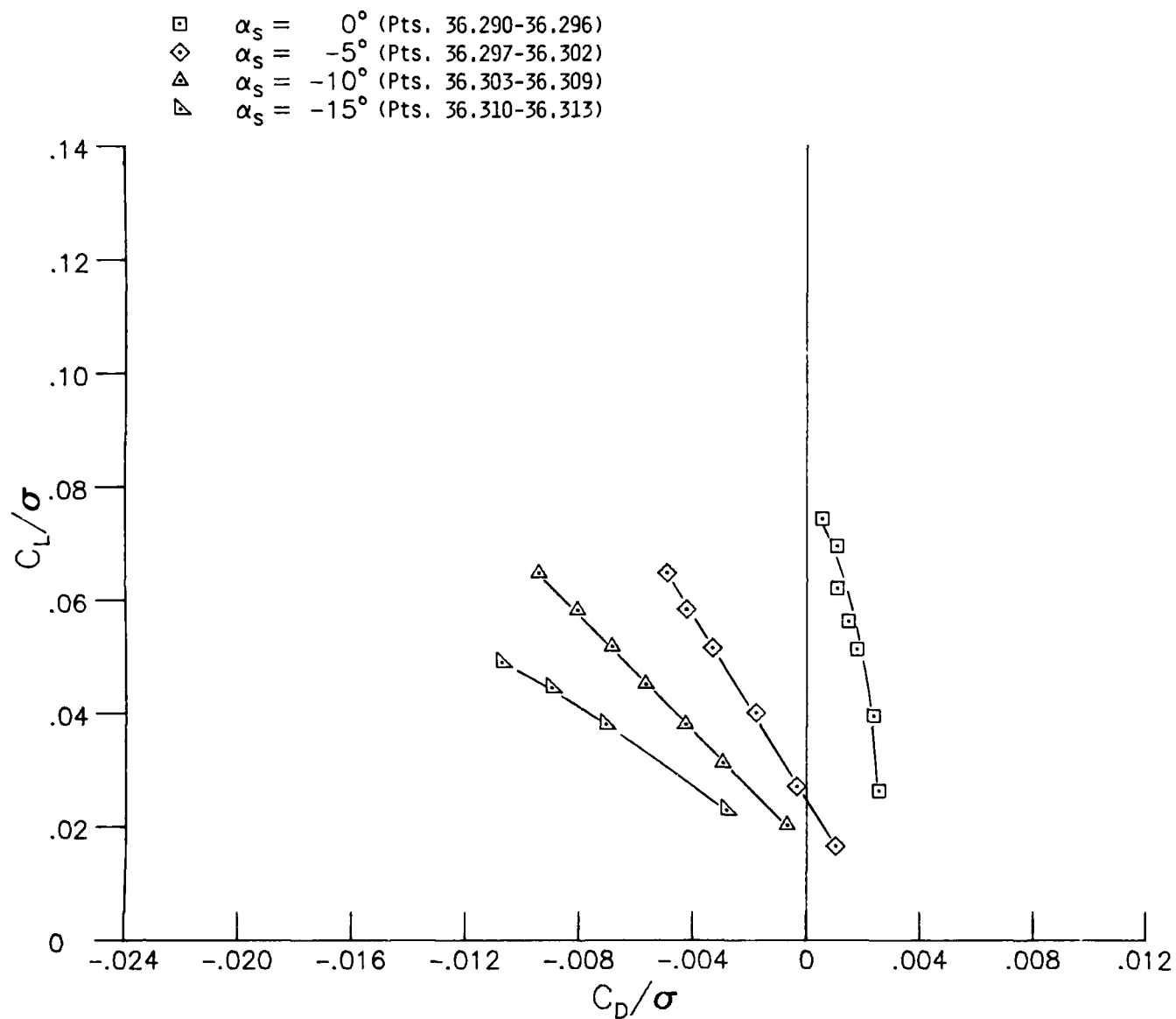
(i)  $C_L/\sigma$  versus  $C_D/\sigma$  at  $\mu = 0.40$  and  $M_T = 0.62$ .

Figure 10.- Continued.



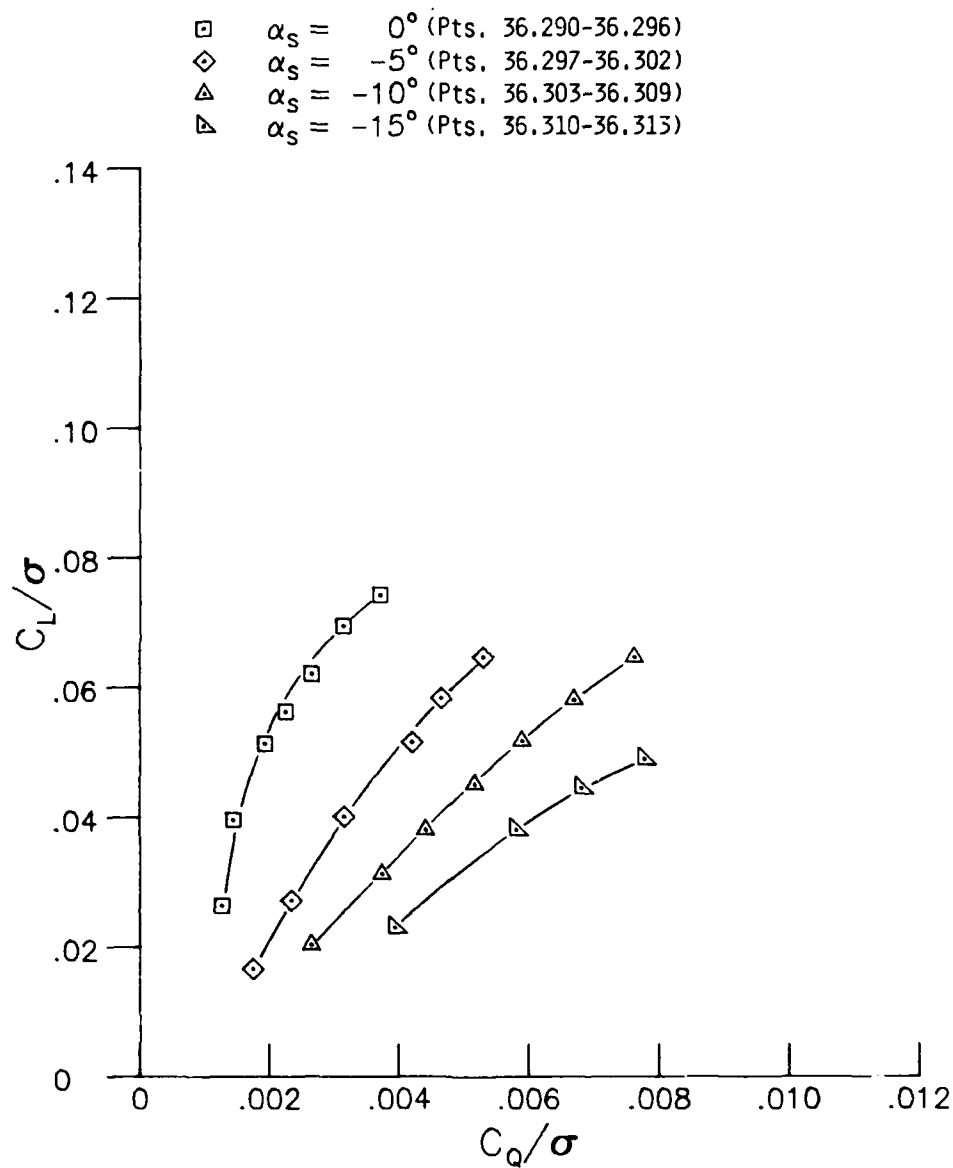
(j)  $C_L/\sigma$  versus  $C_Q/\sigma$  at  $\mu = 0.40$  and  $M_T = 0.62$ .

Figure 10.- Continued.



(k)  $C_L/\sigma$  versus  $C_D/\sigma$  at  $\mu = 0.40$  and  $M_T = 0.65$ .

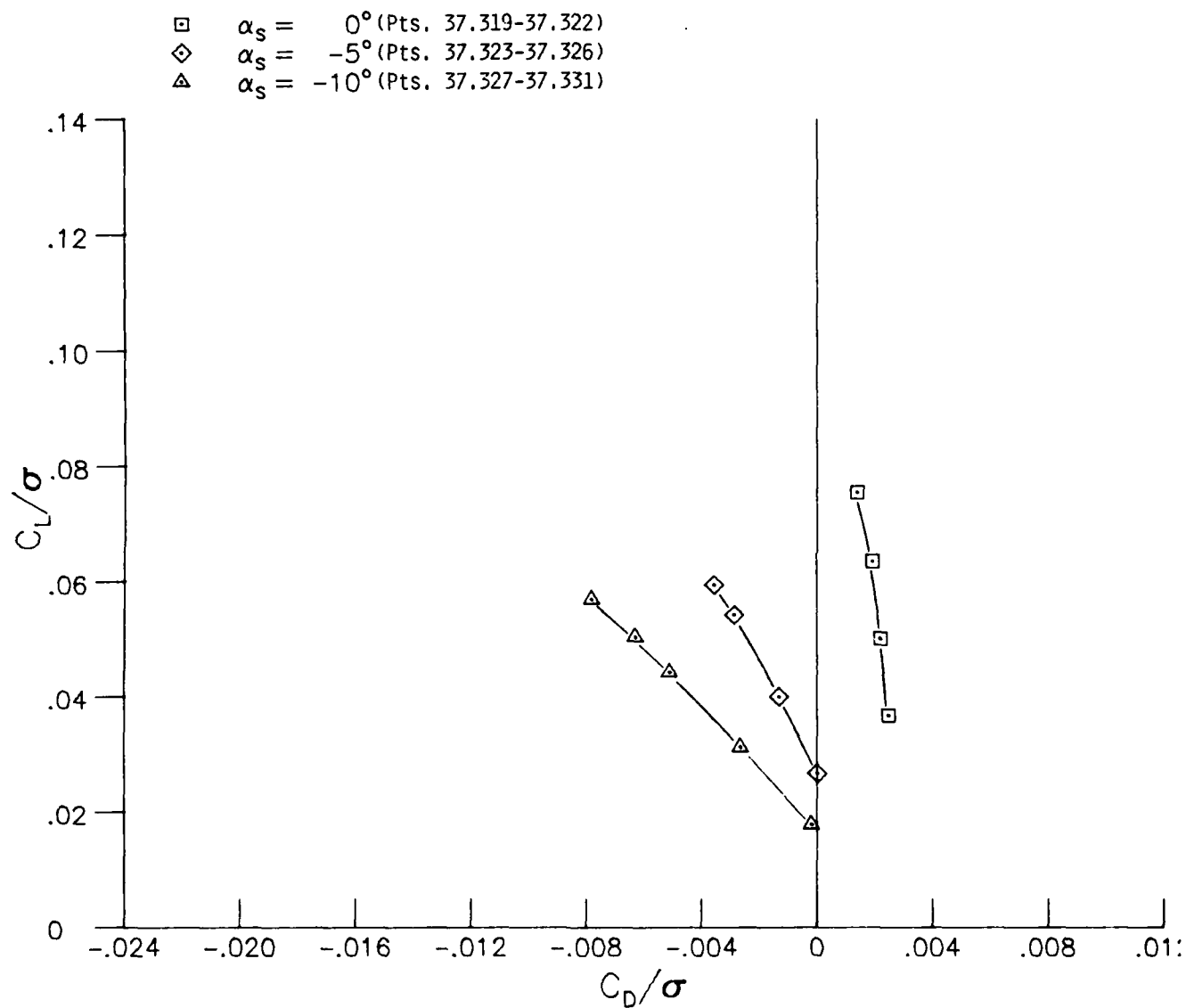
Figure 10.- Continued.



(1)  $C_L/\sigma$  versus  $C_Q/\sigma$  at  $\mu = 0.40$  and  $M_T = 0.65$ .

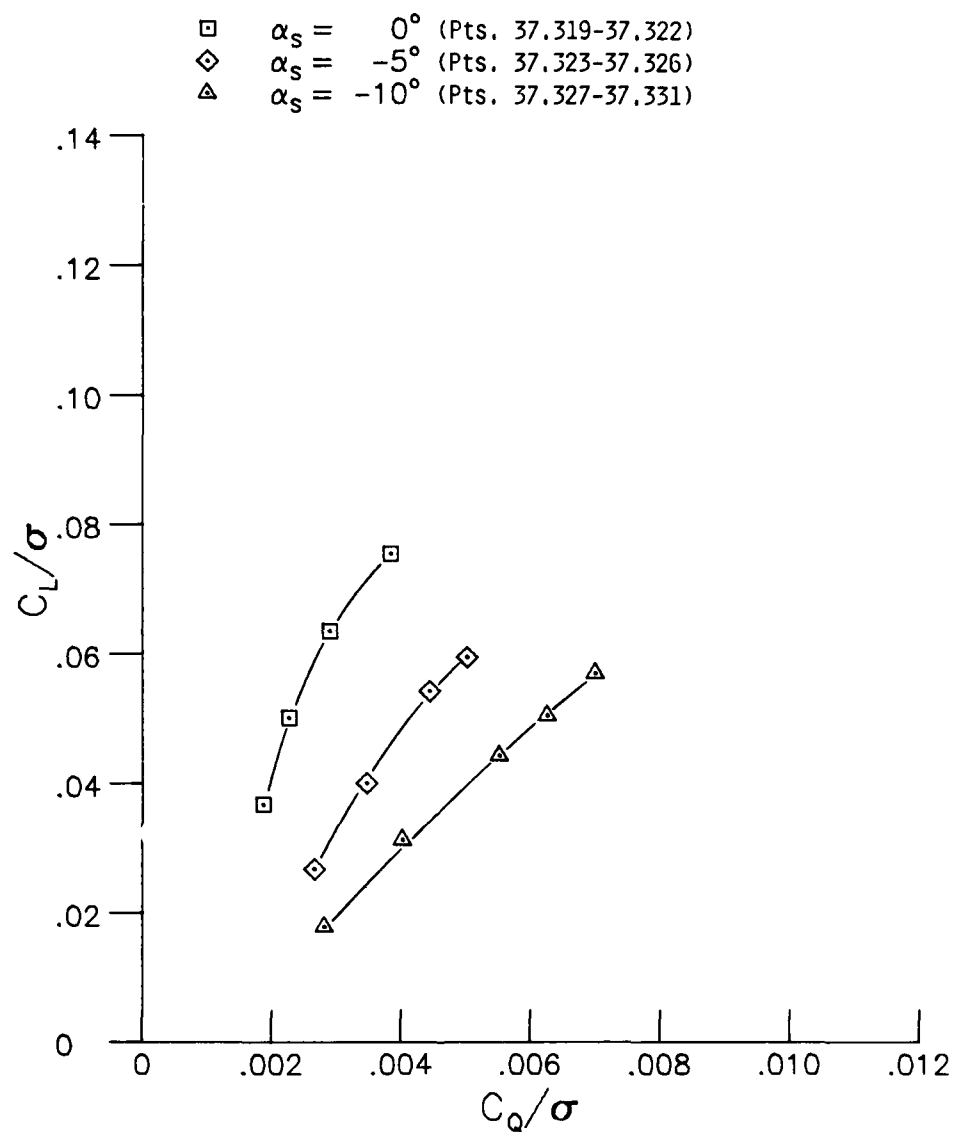
Figure 10.- Continued.





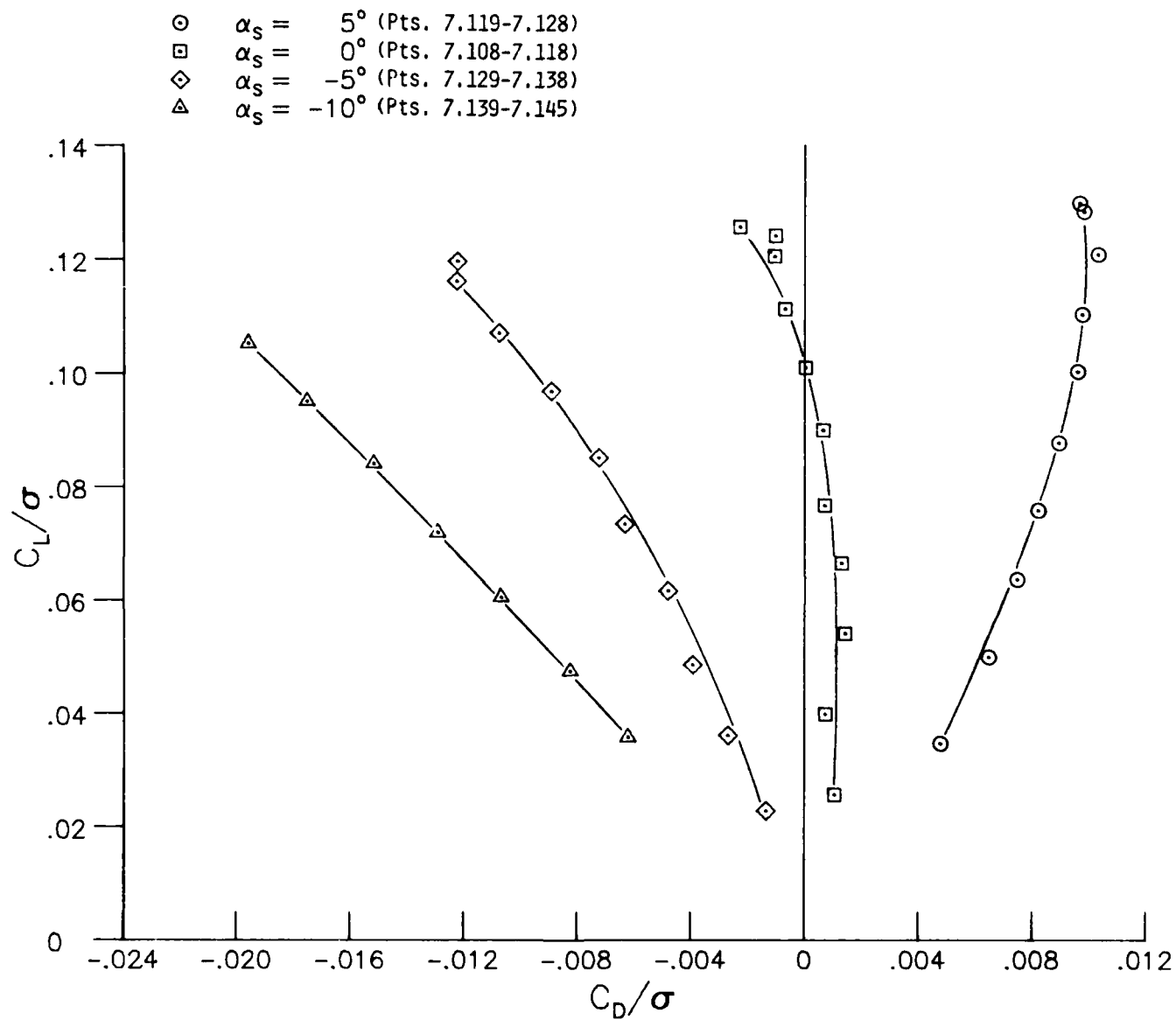
(m)  $C_L/\sigma$  versus  $C_D/\sigma$  at  $\mu = 0.40$  and  $M_T = 0.68$ .

Figure 10.- Continued.



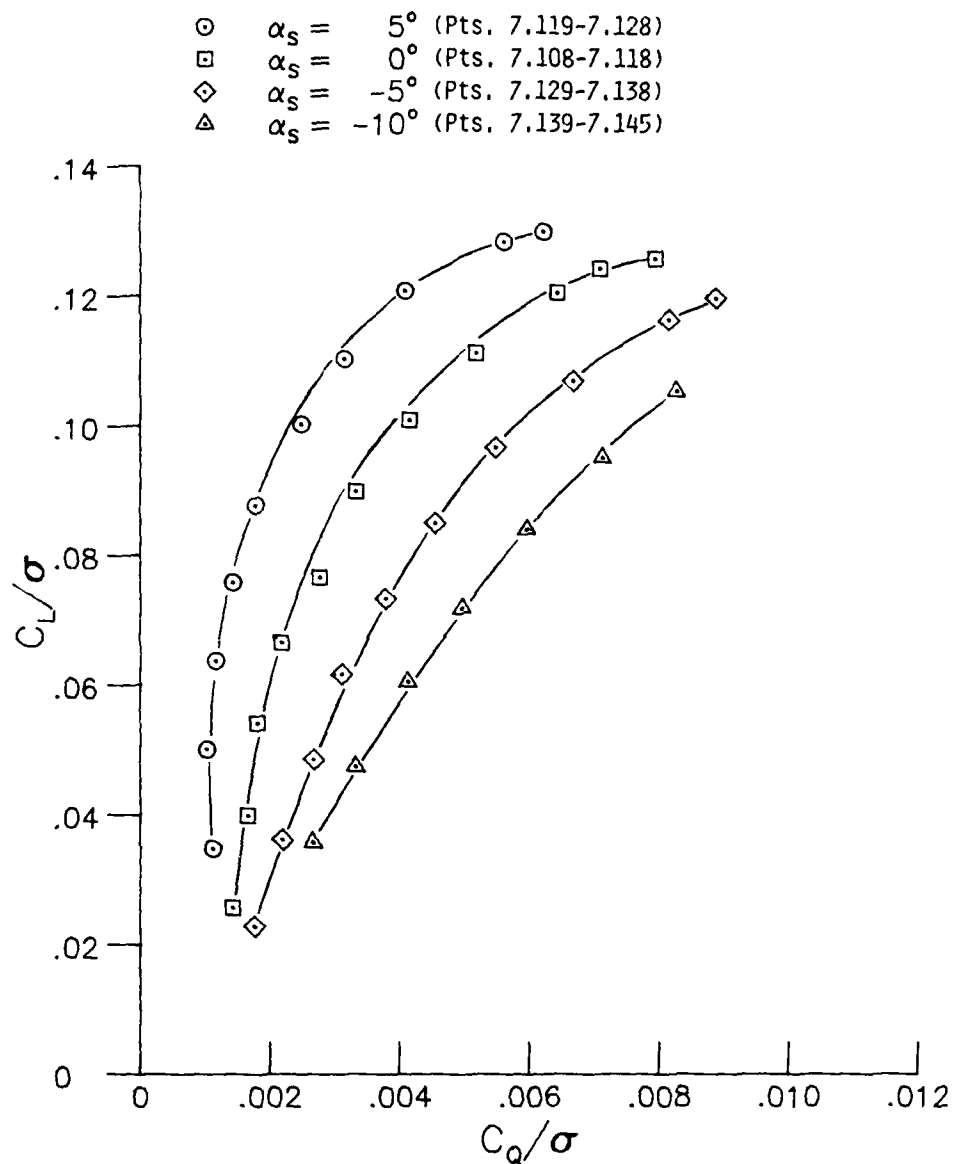
(n)  $C_L/\sigma$  versus  $C_Q/\sigma$  at  $\mu = 0.40$  and  $M_T = 0.68$ .

Figure 10.- Concluded.



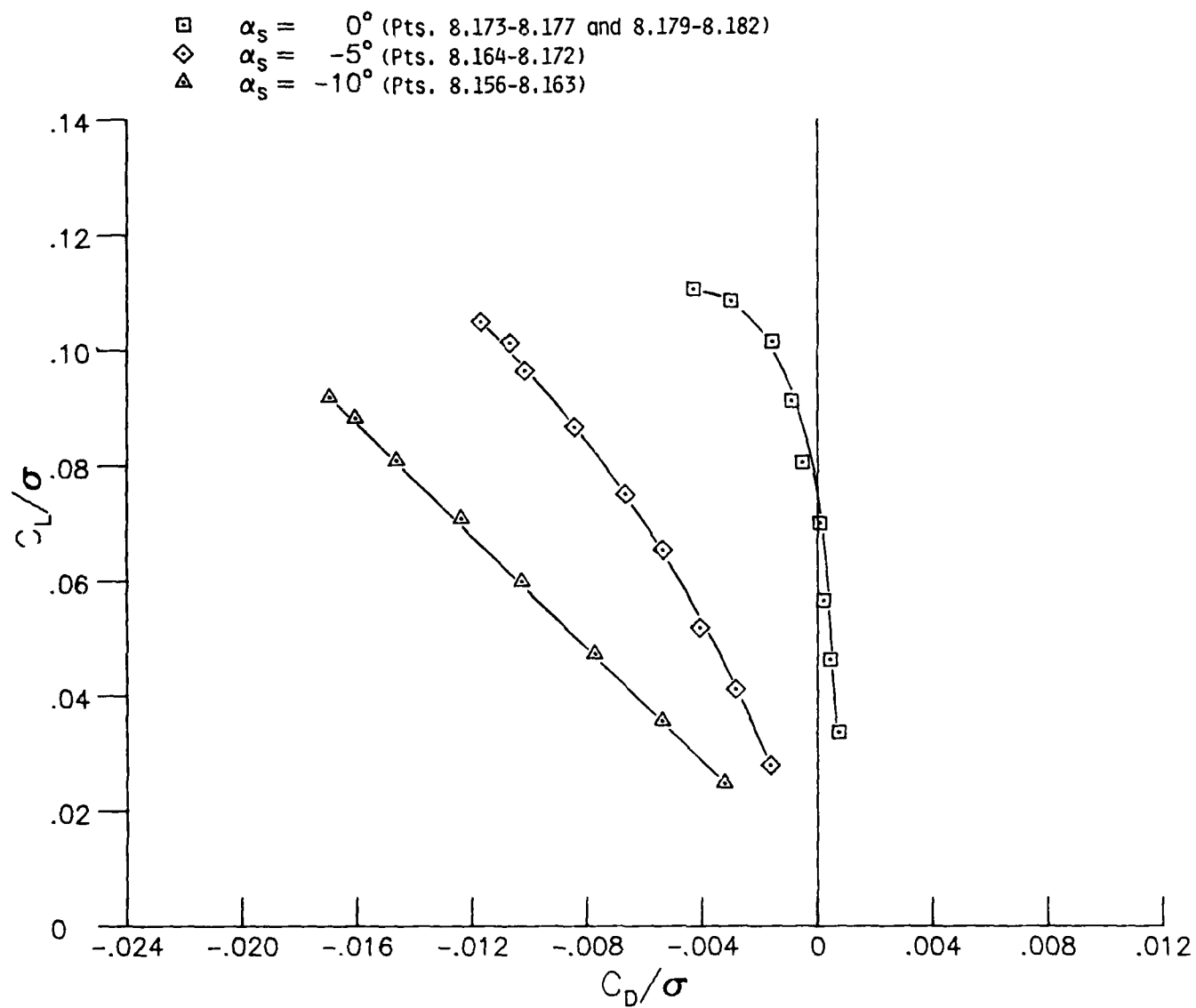
(a)  $C_L/\sigma$  versus  $C_D/\sigma$  at  $\mu = 0.20$  and  $M_T = 0.65$ .

Figure 11.- Rotor performance data for ACR blade with swept tip and  $4^\circ$  tabs.



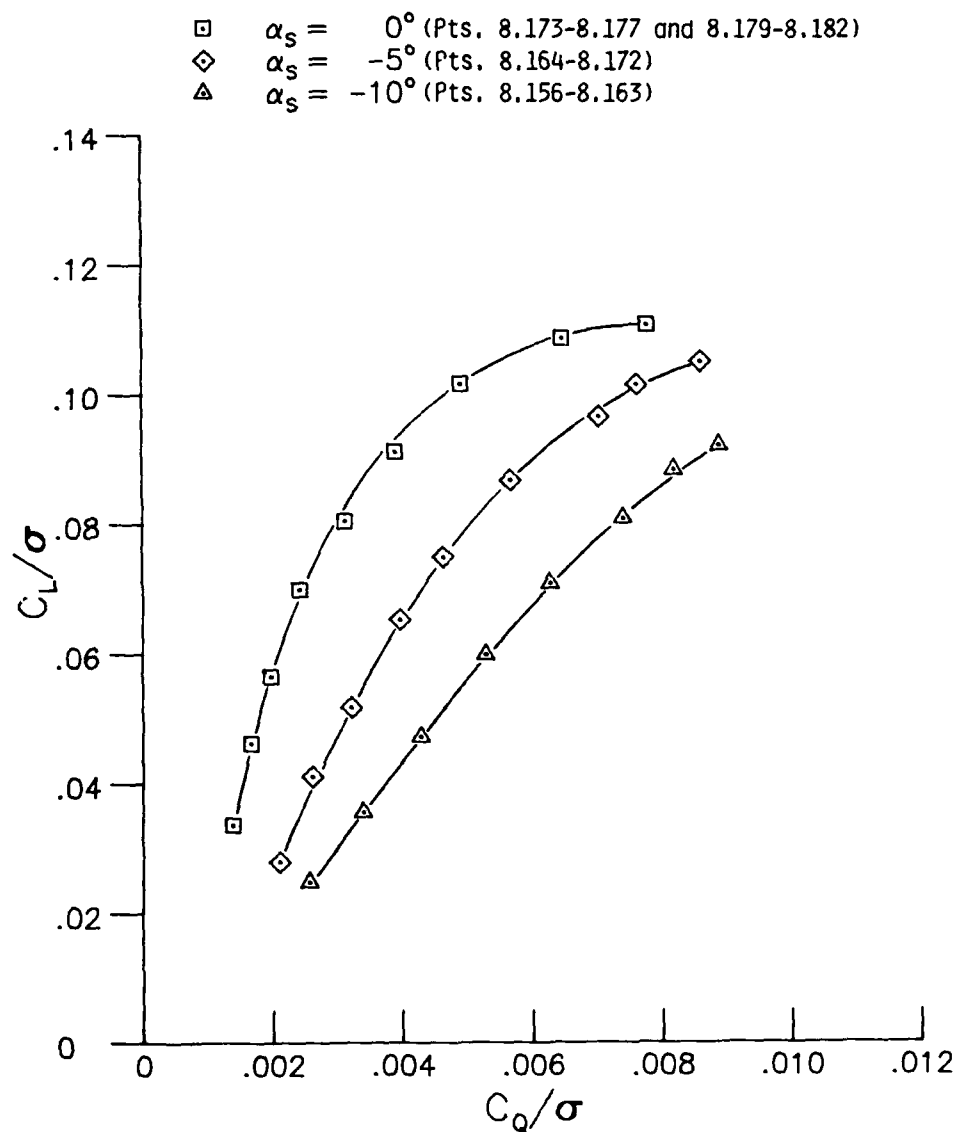
(b)  $C_L/\sigma$  versus  $C_Q/\sigma$  at  $\mu = 0.20$  and  $M_T = 0.65$ .

Figure 11.- Continued.



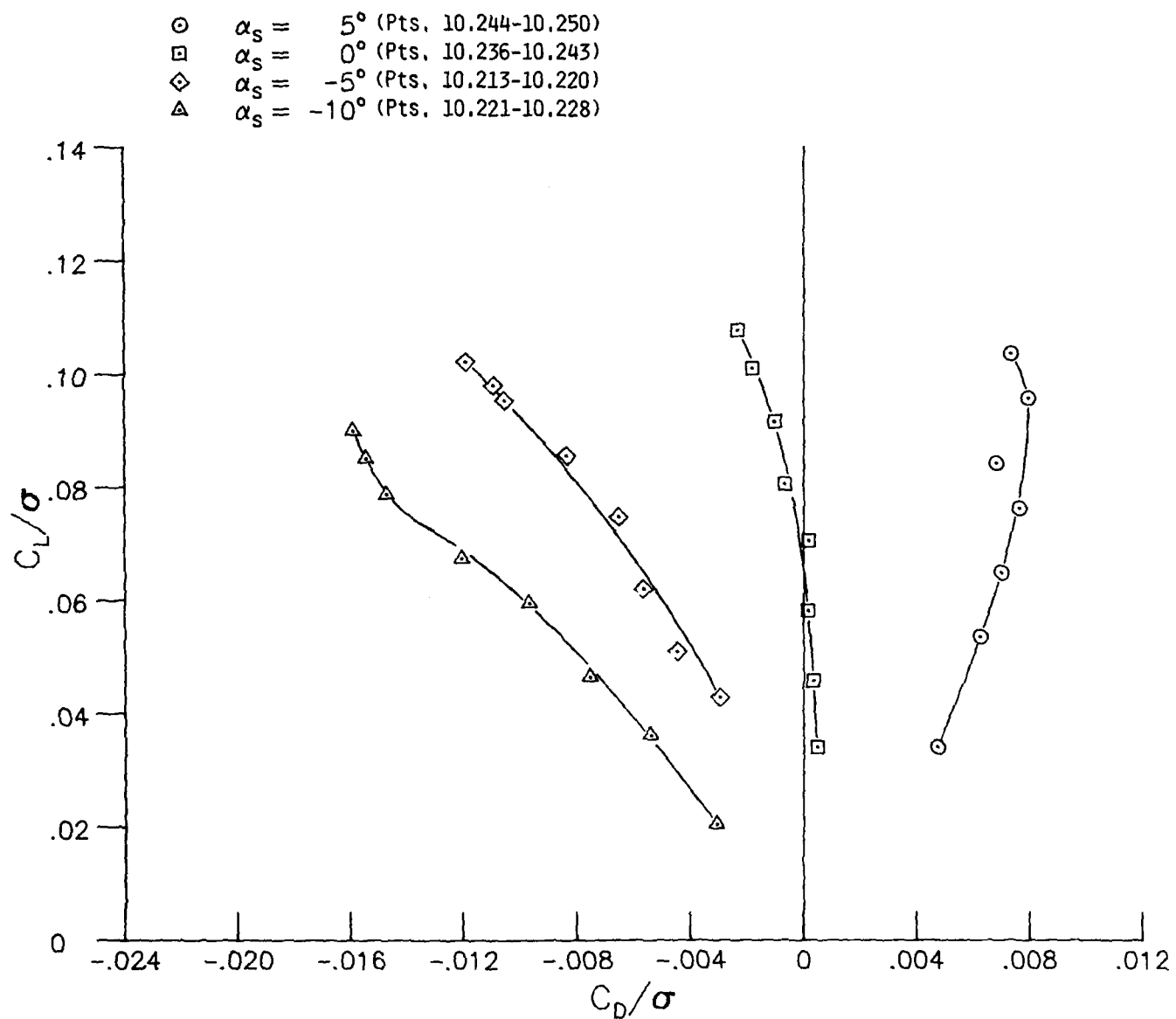
(c)  $C_L/\sigma$  versus  $C_D/\sigma$  at  $\mu = 0.30$  and  $M_T = 0.62$ .

Figure 11.- Continued.



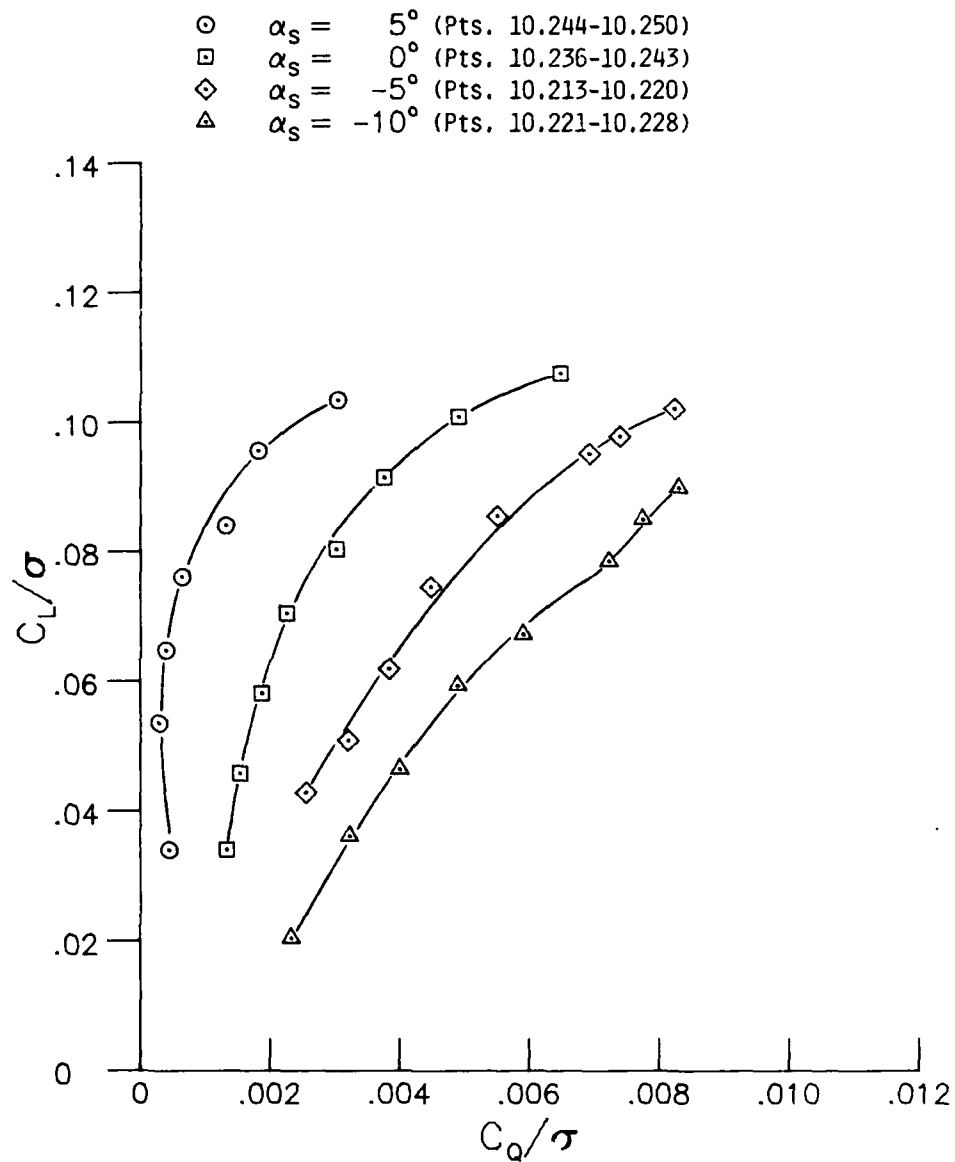
(d)  $C_L/\sigma$  versus  $C_Q/\sigma$  at  $\mu = 0.30$  and  $M_T = 0.62$ .

Figure 11.- Continued.



(e)  $C_L/\sigma$  versus  $C_D/\sigma$  at  $\mu = 0.30$  and  $M_T = 0.65$ .

Figure 11.- Continued.

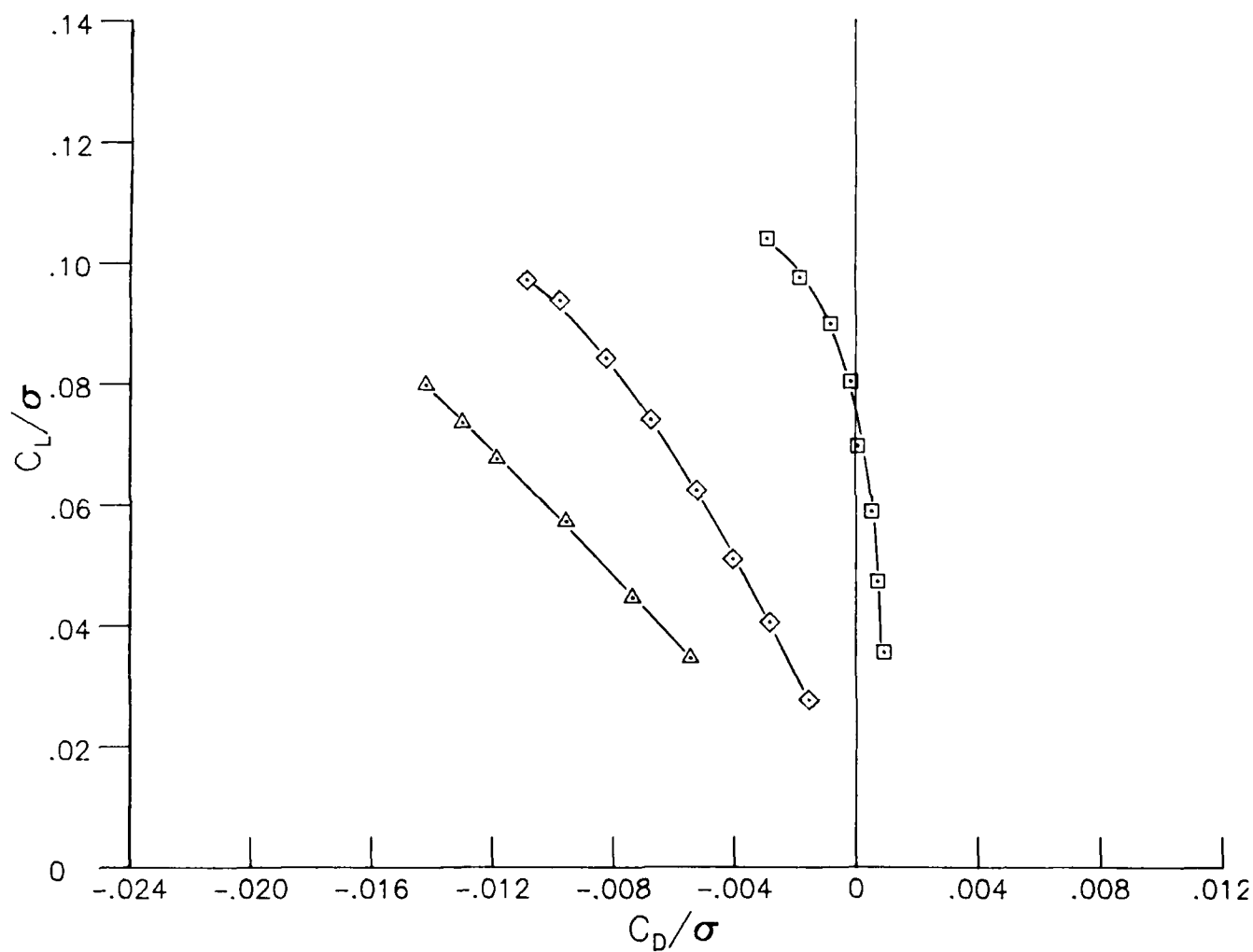


(f)  $C_L/\sigma$  versus  $C_Q/\sigma$  at  $\mu = 0.30$  and  $M_T = 0.65$ .

Figure 11.- Continued.

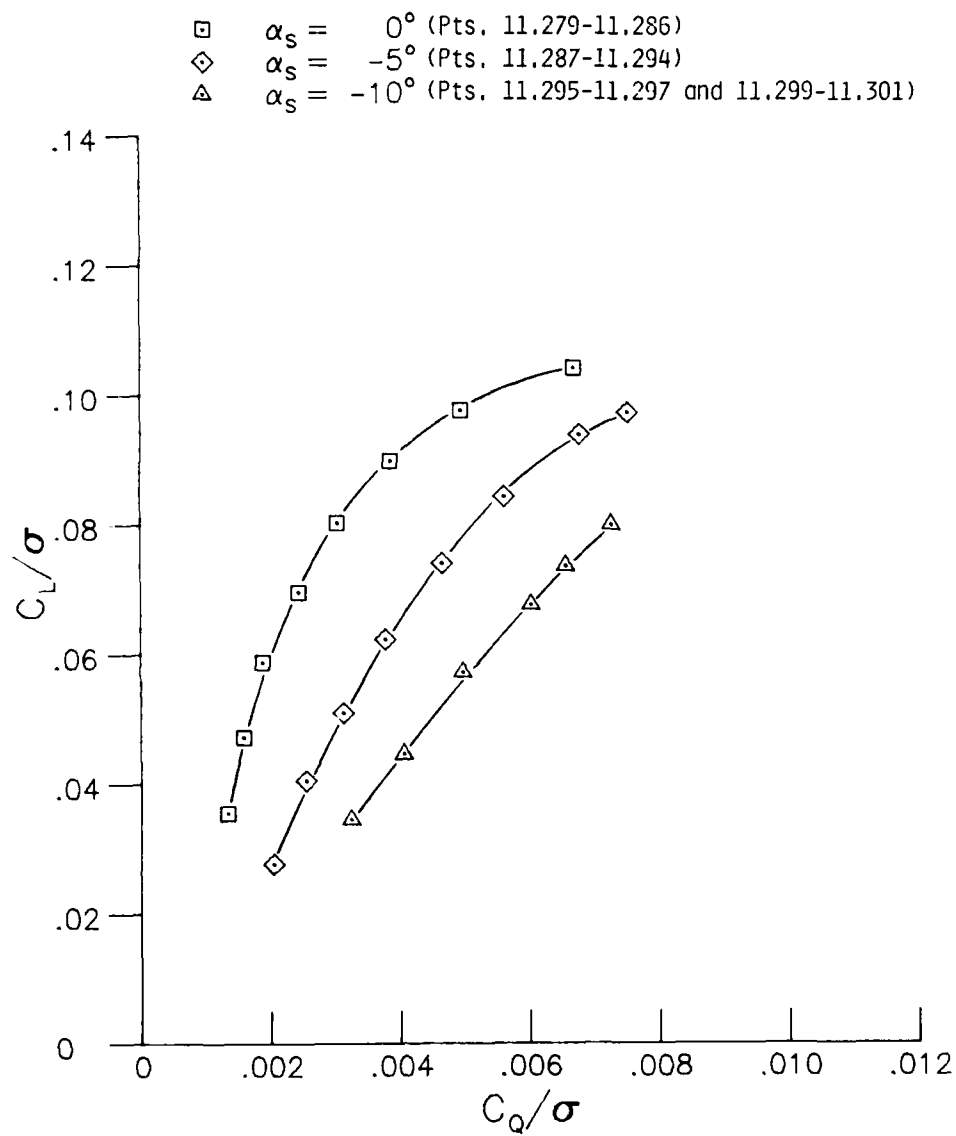


- $\square$   $\alpha_s = 0^\circ$  (Pts. 11.279-11.286)  
 $\diamond$   $\alpha_s = -5^\circ$  (Pts. 11.287-11.294)  
 $\triangle$   $\alpha_s = -10^\circ$  (Pts. 11.295-11.297 and 11.299-11.301)



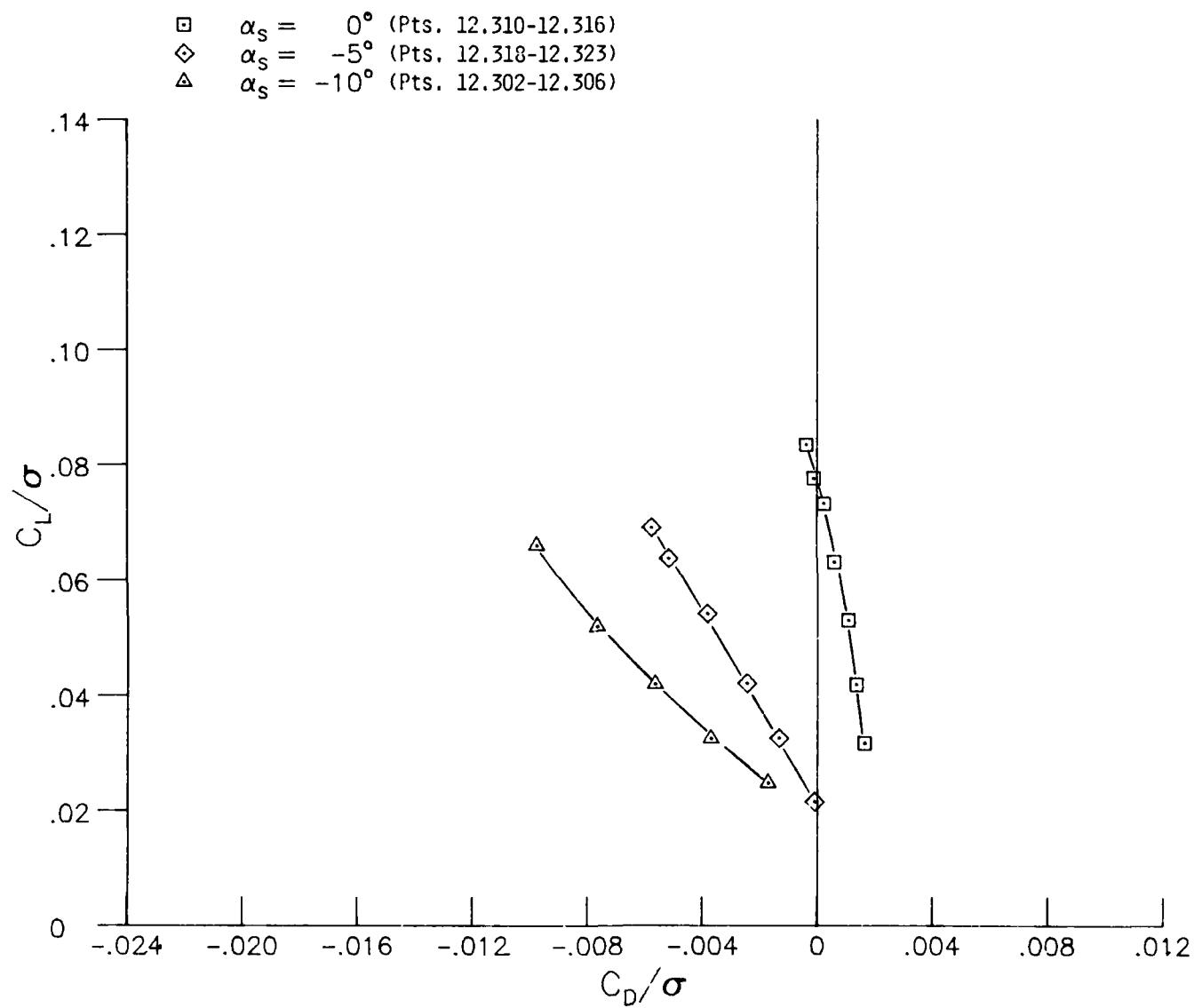
(g)  $C_L/\sigma$  versus  $C_D/\sigma$  at  $\mu = 0.30$  and  $M_T = 0.68$ .

Figure 11.- Continued.



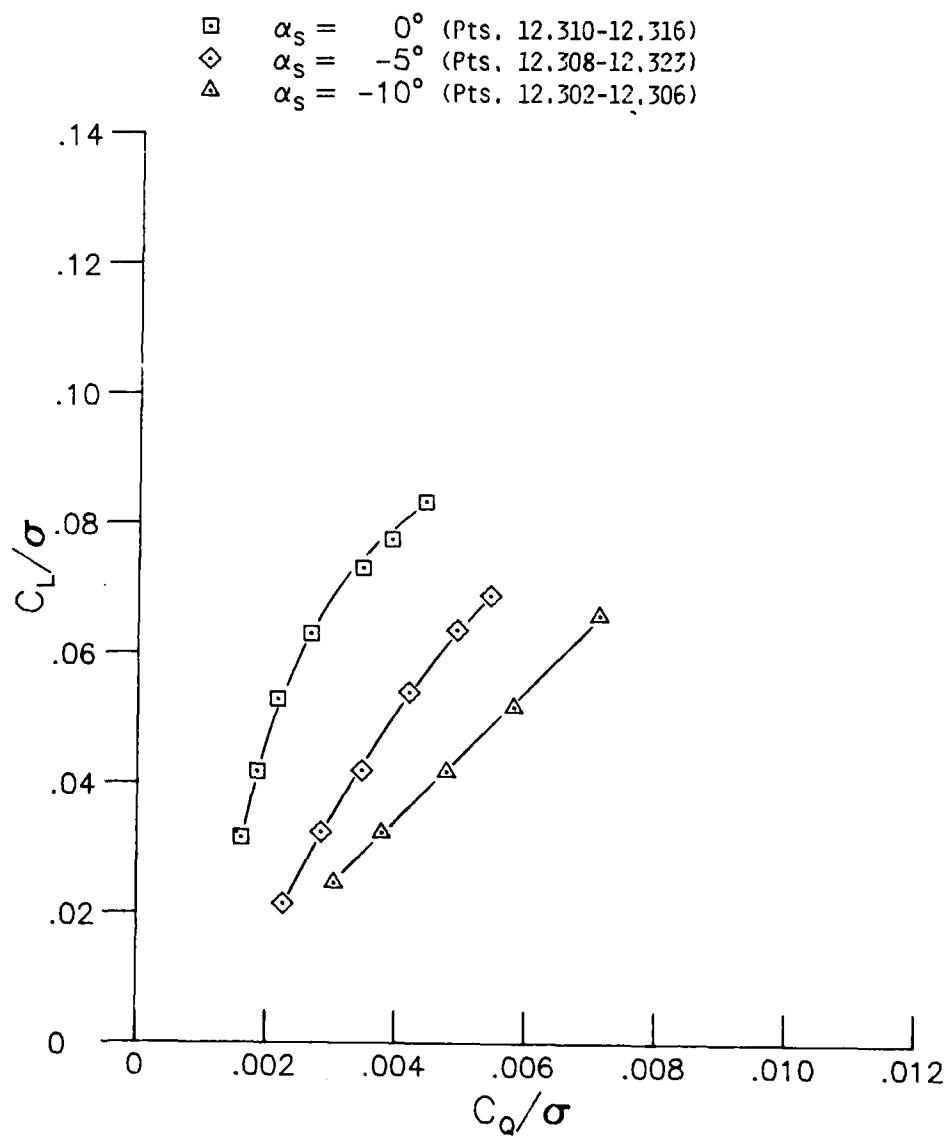
(h)  $C_L/\sigma$  versus  $C_Q/\sigma$  at  $\mu = 0.30$  and  $M_T = 0.68$ .

Figure 11.- Continued.



(i)  $C_L/\sigma$  versus  $C_D/\sigma$  at  $\mu = 0.40$  and  $M_T = 0.62$ .

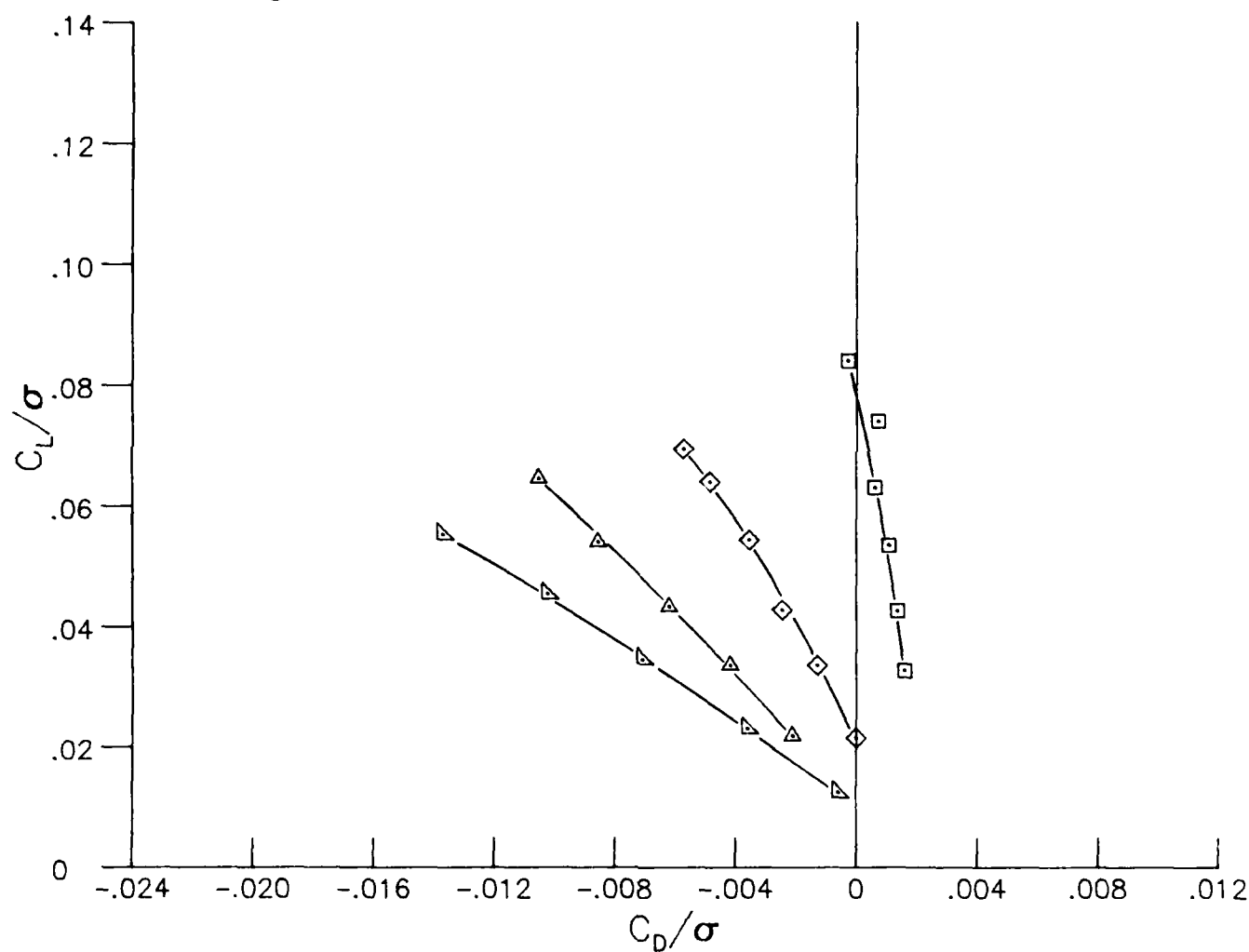
Figure 11.- Continued.



(j)  $C_L/\sigma$  versus  $C_Q/\sigma$  at  $\mu = 0.40$  and  $M_T = 0.62$ .

Figure 11.- Continued.

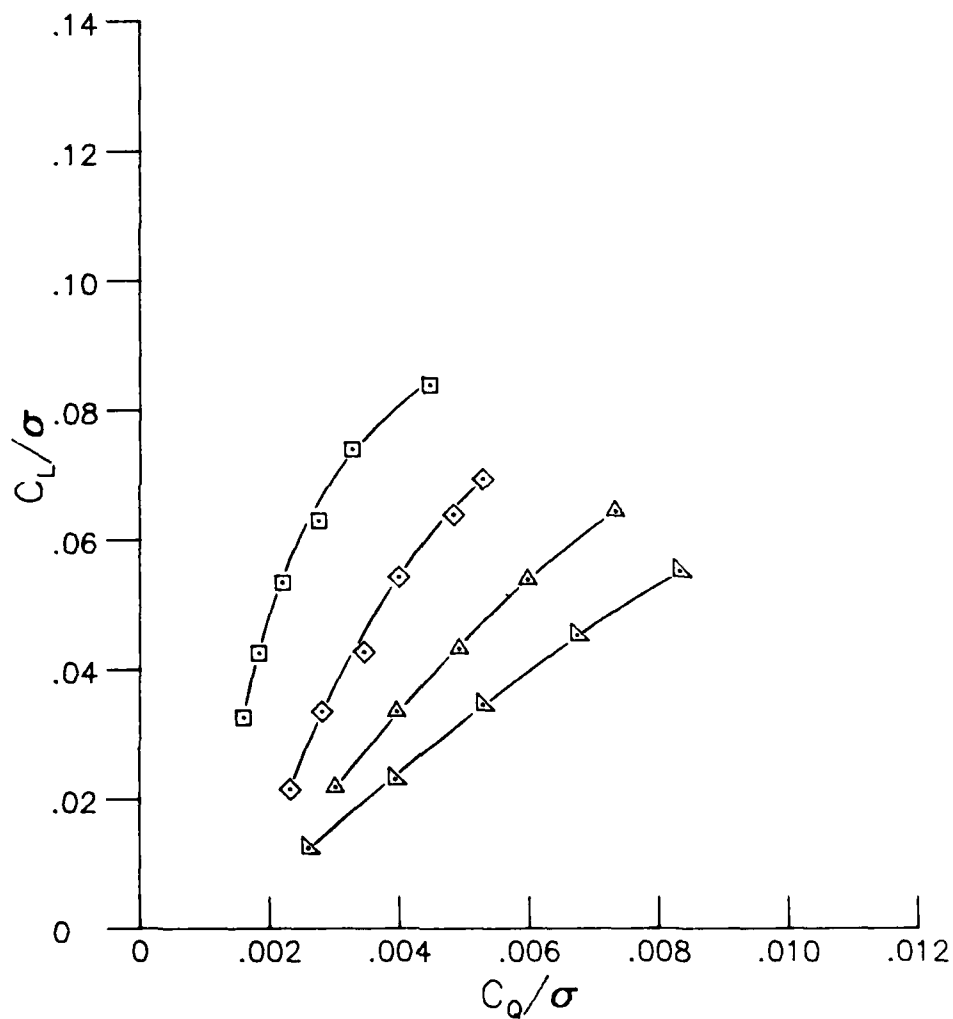
- $\alpha_s = 0^\circ$  (Pts. 14.324-14.329)
- ◇  $\alpha_s = -5^\circ$  (Pts. 14.330-14.332 and 14.334-14.336)
- △  $\alpha_s = -10^\circ$  (Pts. 14.371-14.375)
- ▽  $\alpha_s = -15^\circ$  (Pts. 14.376-14.380)



(k)  $C_L/\sigma$  versus  $C_D/\sigma$  at  $\mu = 0.40$  and  $M_T = 0.65$ .

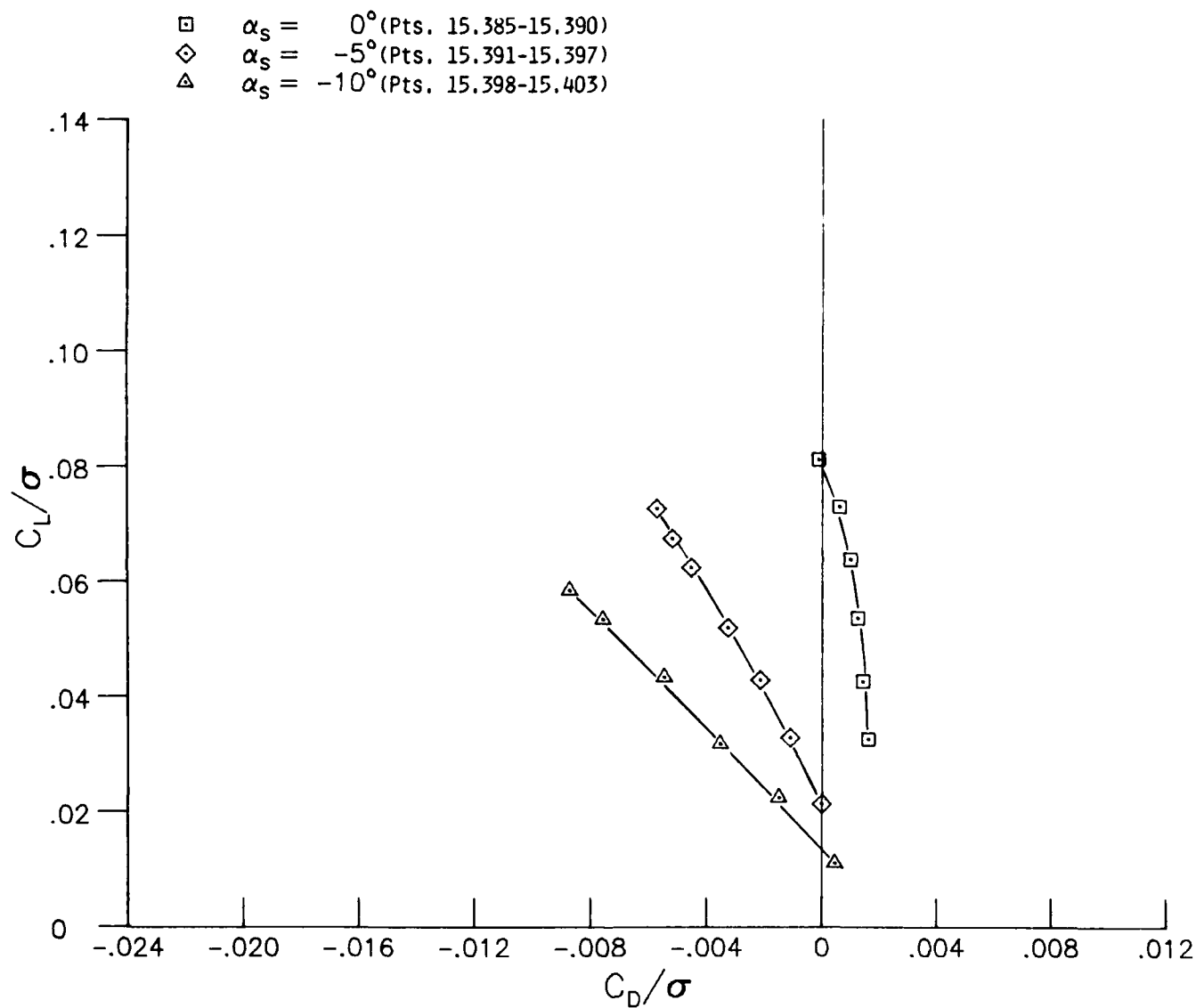
Figure 11.- Continued.

- $\alpha_s = 0^\circ$  (Pts. 14.324-14.329)
- ◇  $\alpha_s = -5^\circ$  (Pts. 14.330-14.332 and 14.334-14.336)
- △  $\alpha_s = -10^\circ$  (Pts. 14.371-14.375)
- ▴  $\alpha_s = -15^\circ$  (Pts. 14.376-14.380)



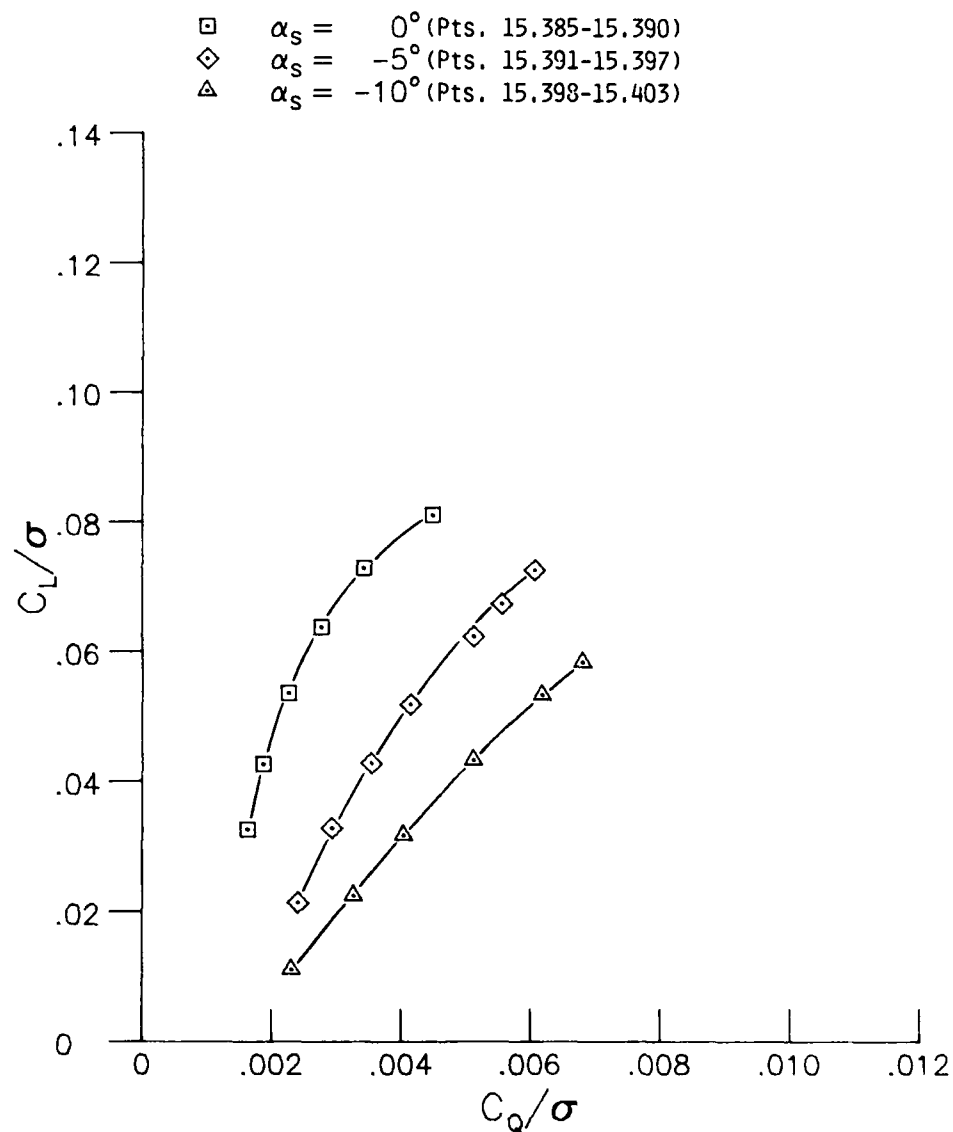
(1)  $C_L/\sigma$  versus  $C_Q/\sigma$  at  $\mu = 0.40$  and  $M_T = 0.65$ .

Figure 11.- Continued.



(m)  $C_L/\sigma$  versus  $C_D/\sigma$  at  $\mu = 0.40$  and  $M_T = 0.68$ .

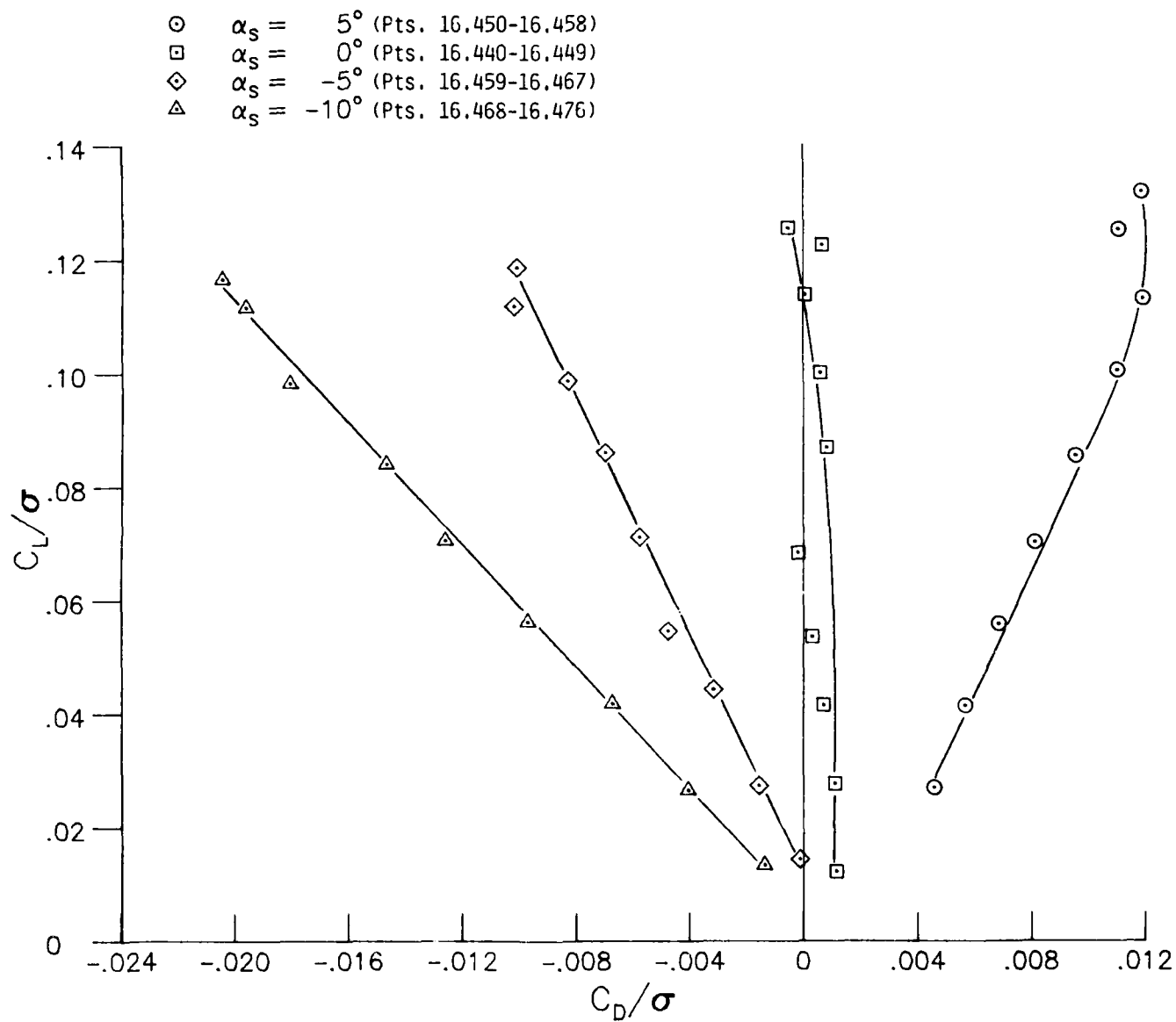
Figure 11.- Continued.



(n)  $C_L/\sigma$  versus  $C_Q/\sigma$  at  $\mu = 0.40$  and  $M_T = 0.68$ .

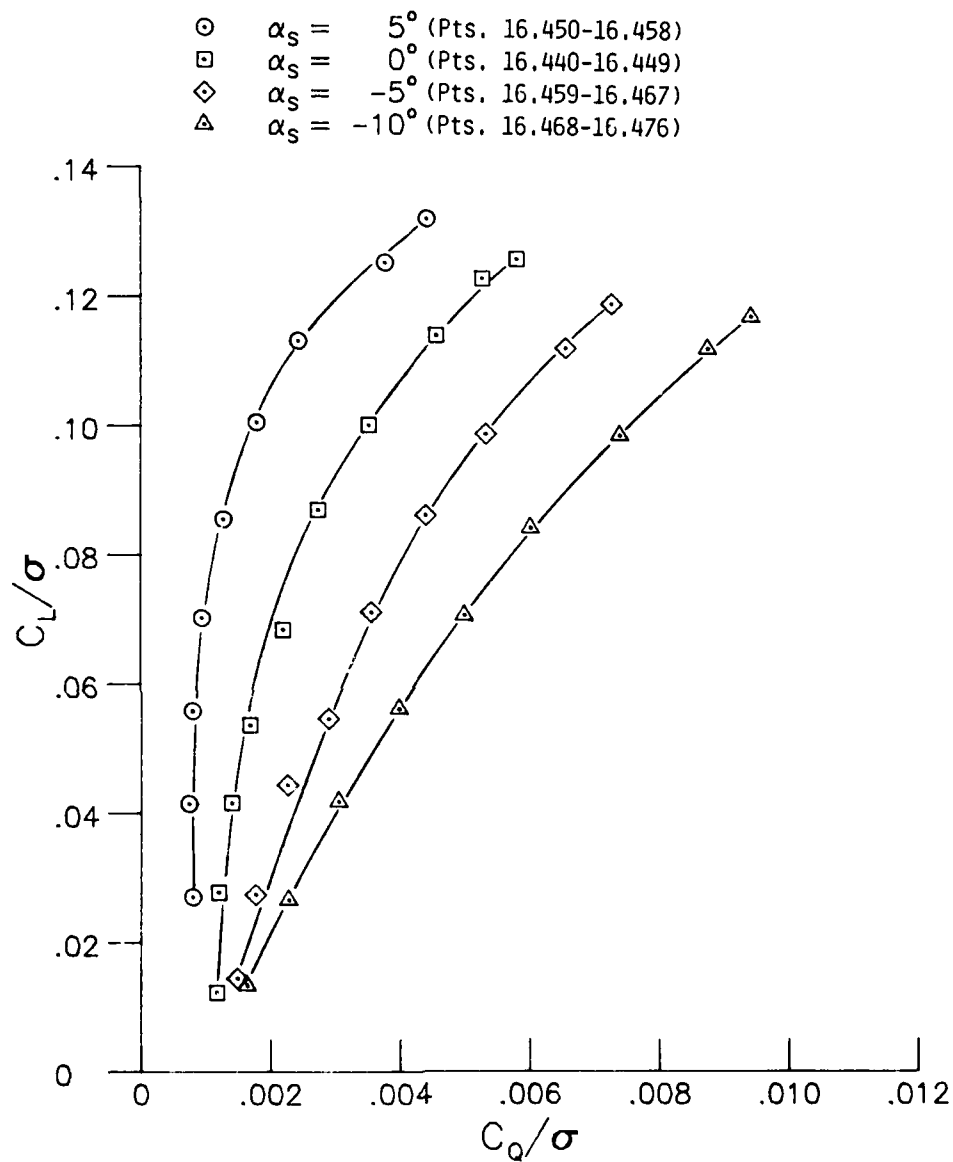
Figure 11.- Concluded.





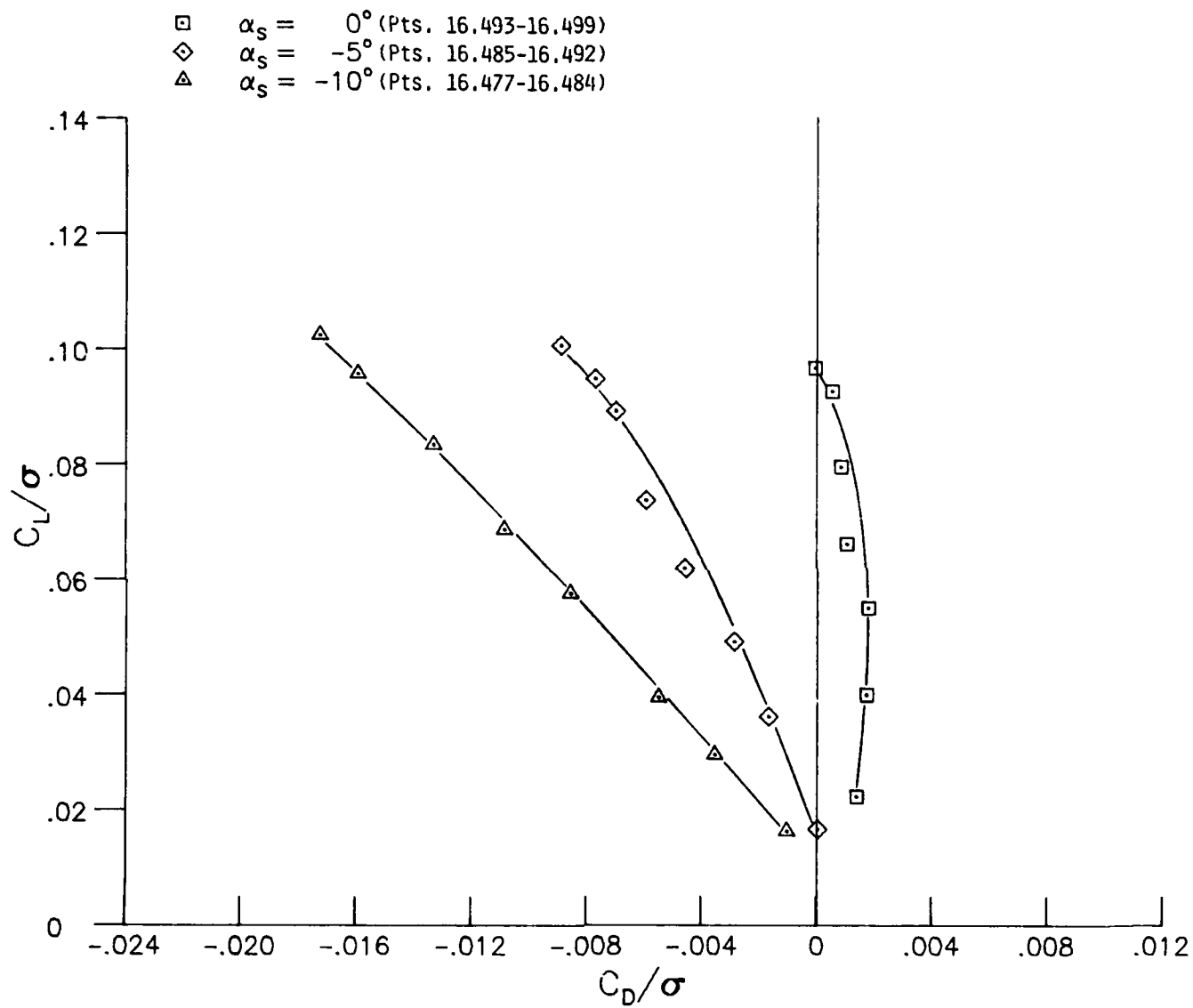
(a)  $C_L/\sigma$  versus  $C_D/\sigma$  at  $\mu = 0.20$  and  $M_T = 0.65$ .

Figure 12.- Rotor performance data for baseline blade with swept tip and  $0^\circ$  tabs.



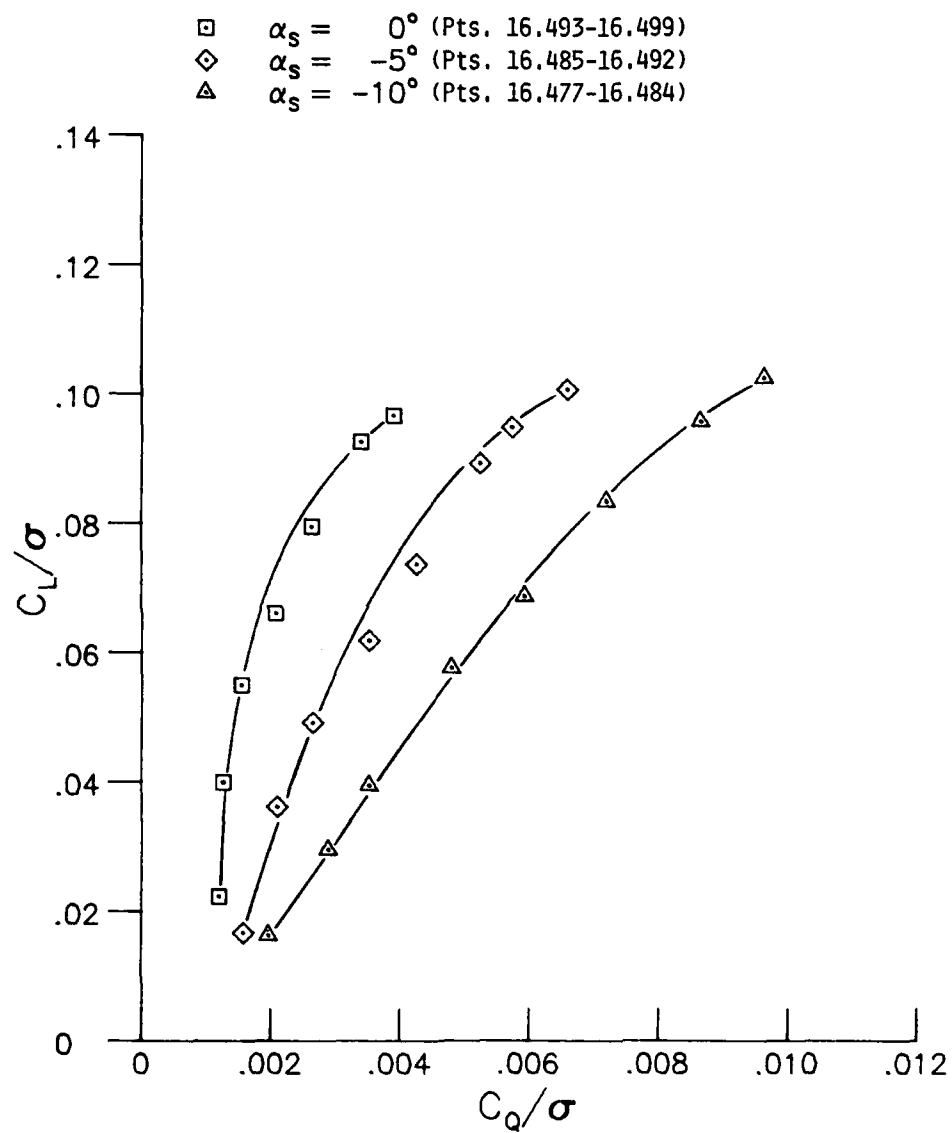
(b)  $C_L/\sigma$  versus  $C_Q/\sigma$  at  $\mu = 0.20$  and  $M_T = 0.65$ .

Figure 12.- Continued.



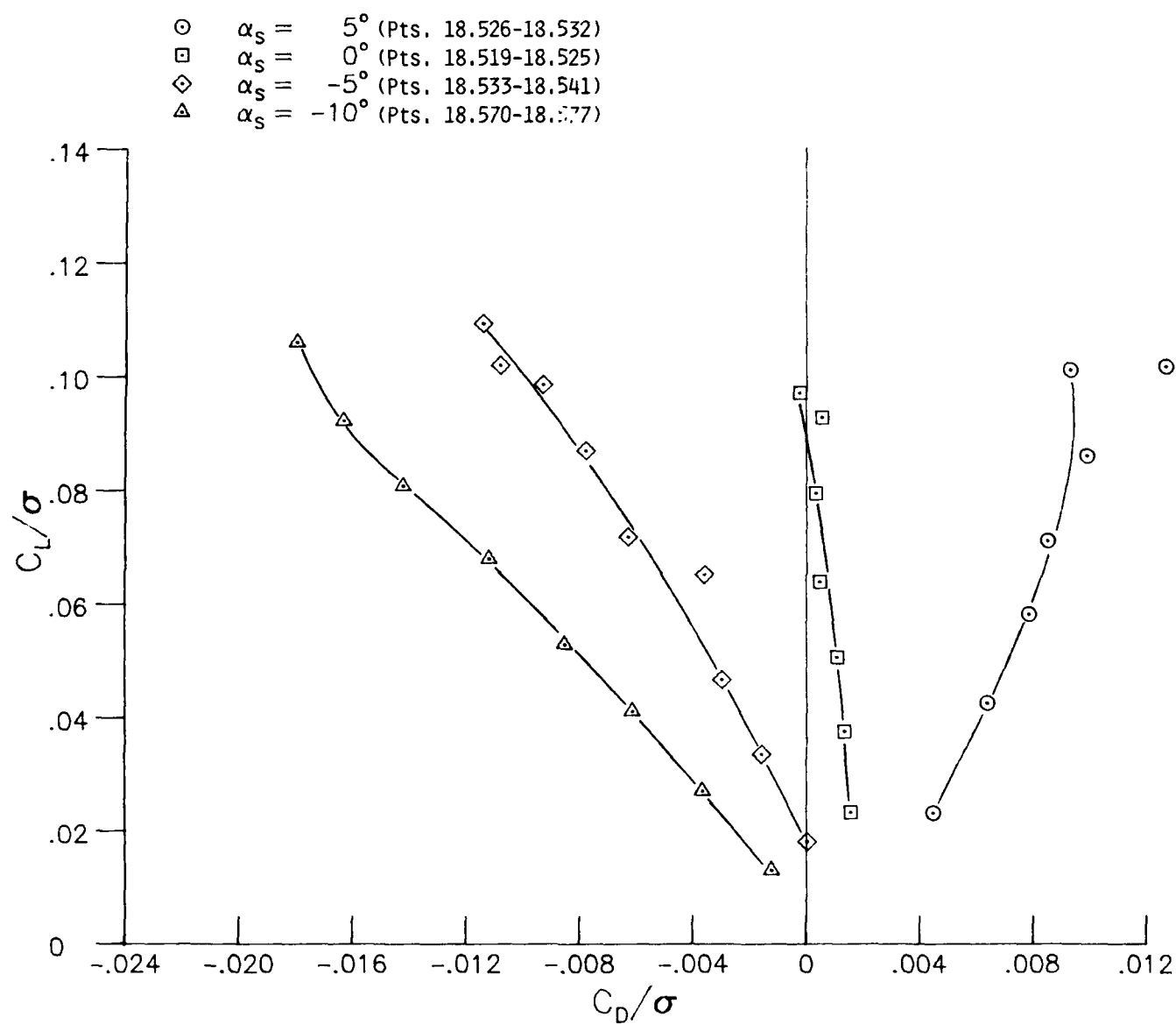
(c)  $C_L/\sigma$  versus  $C_D/\sigma$  at  $\mu = 0.30$  and  $M_T = 0.62$ .

Figure 12.- Continued.



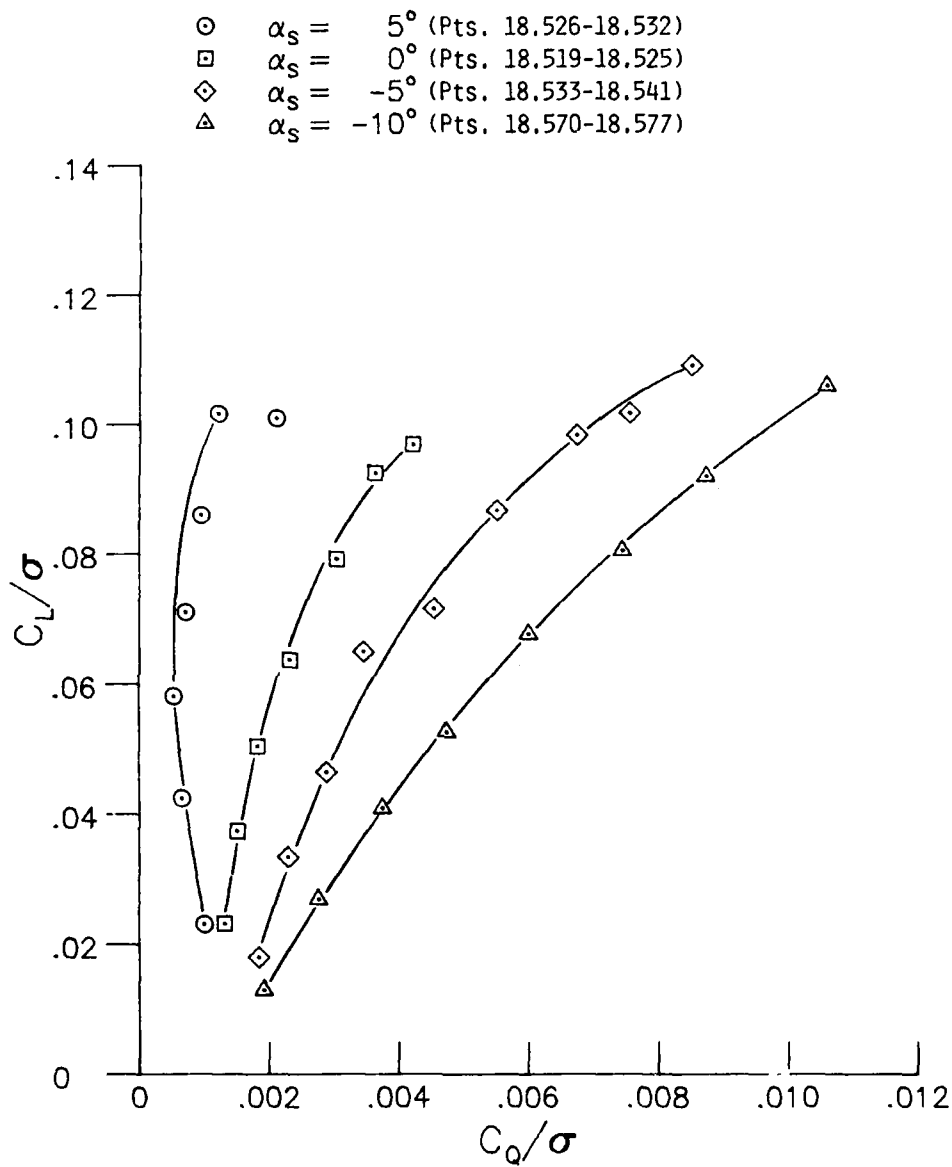
(d)  $C_L/\sigma$  versus  $C_Q/\sigma$  at  $\mu = 0.30$  and  $M_T = 0.62$ .

Figure 12.- Continued.



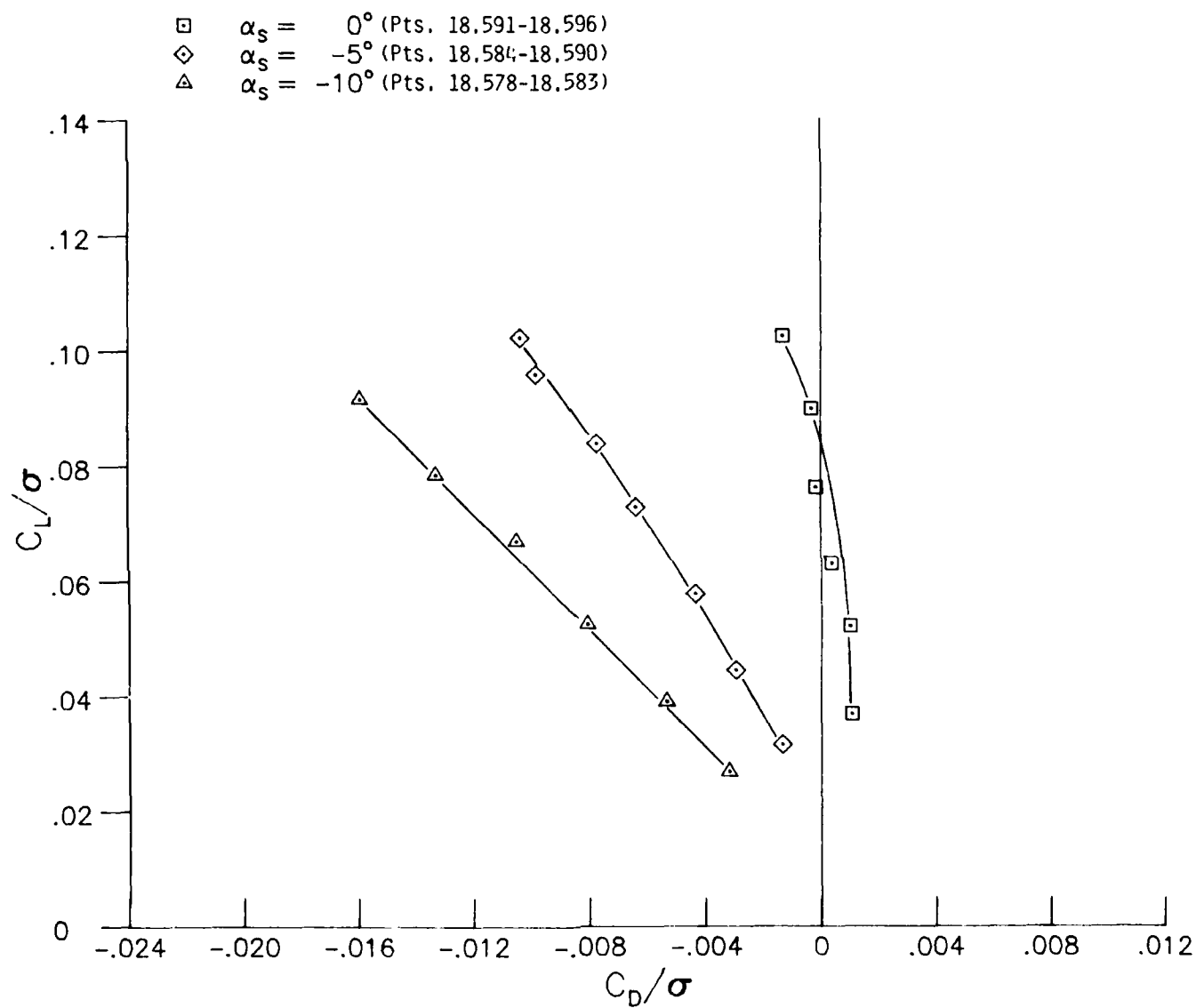
(e)  $C_L/\sigma$  versus  $C_D/\sigma$  at  $\mu = 0.30$  and  $M_T = 0.65$ .

Figure 12.- Continued.



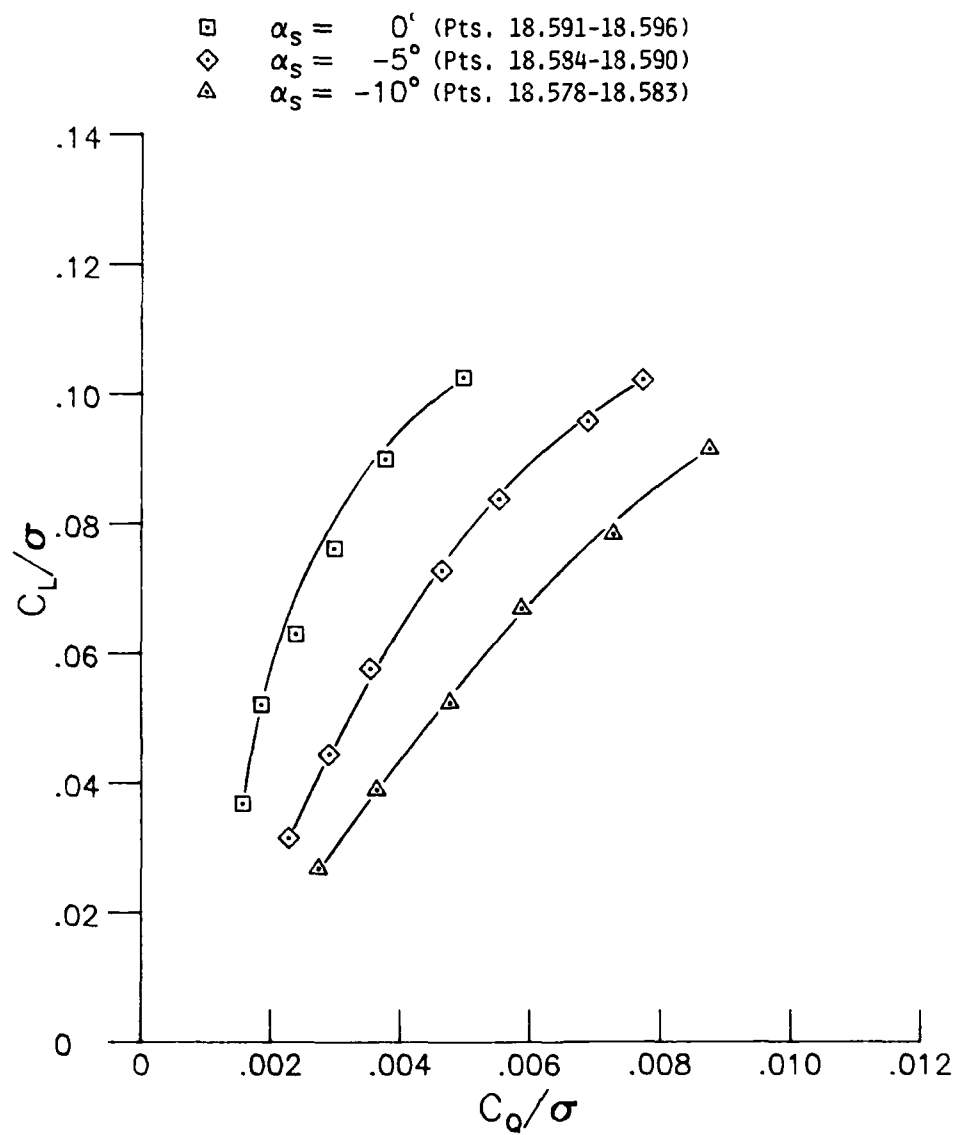
(f)  $C_L/\sigma$  versus  $C_Q/\sigma$  at  $\mu = 0.30$  and  $M_T = 0.65$ .

Figure 12.- Continued.



(g)  $C_L/\sigma$  versus  $C_D/\sigma$  at  $\mu = 0.30$  and  $M_T = 0.68$ .

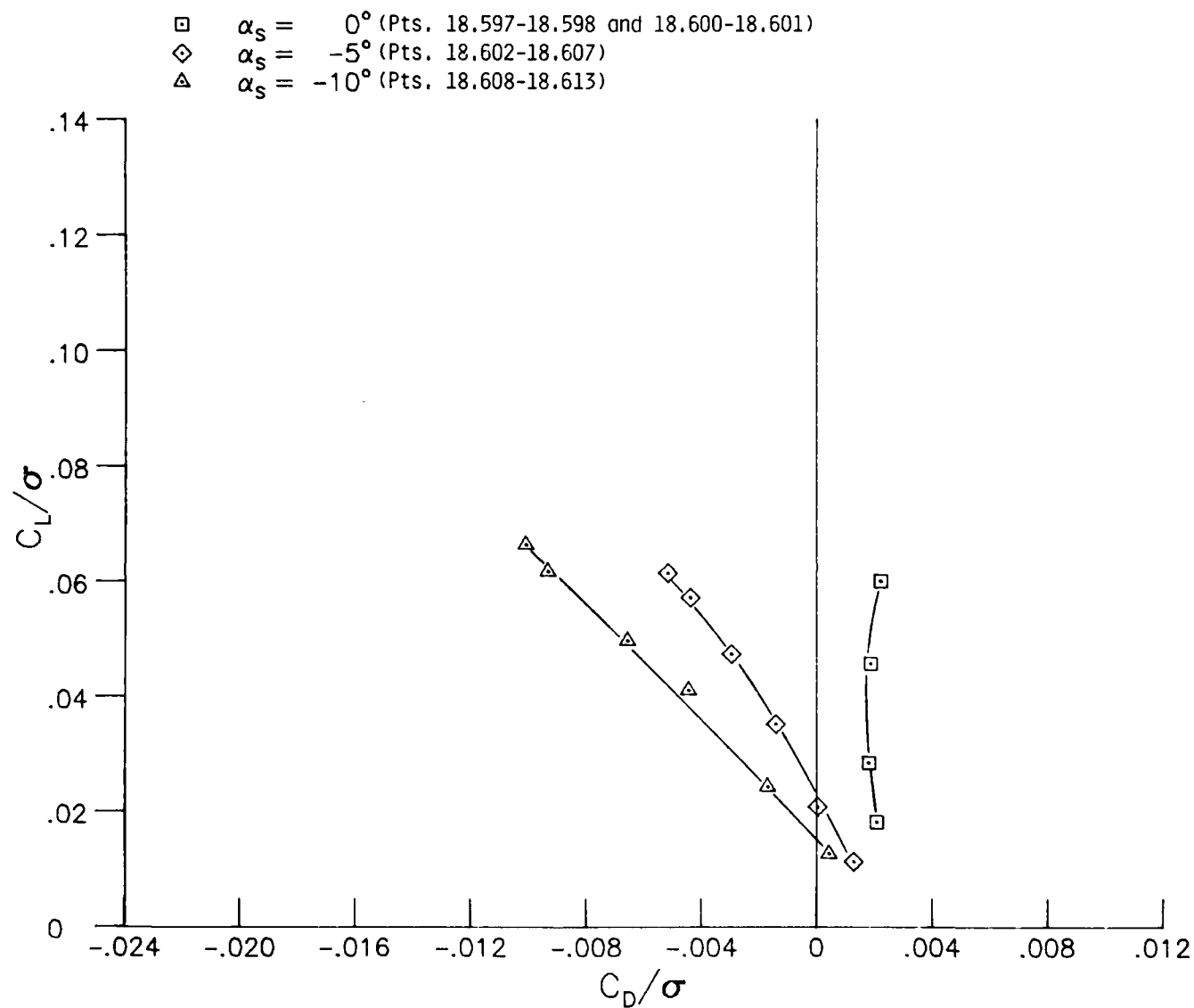
Figure 12.- Continued.



(h)  $C_L/\sigma$  versus  $C_Q/\sigma$  for  $\mu = 0.30$  and  $M_T = 0.68$ .

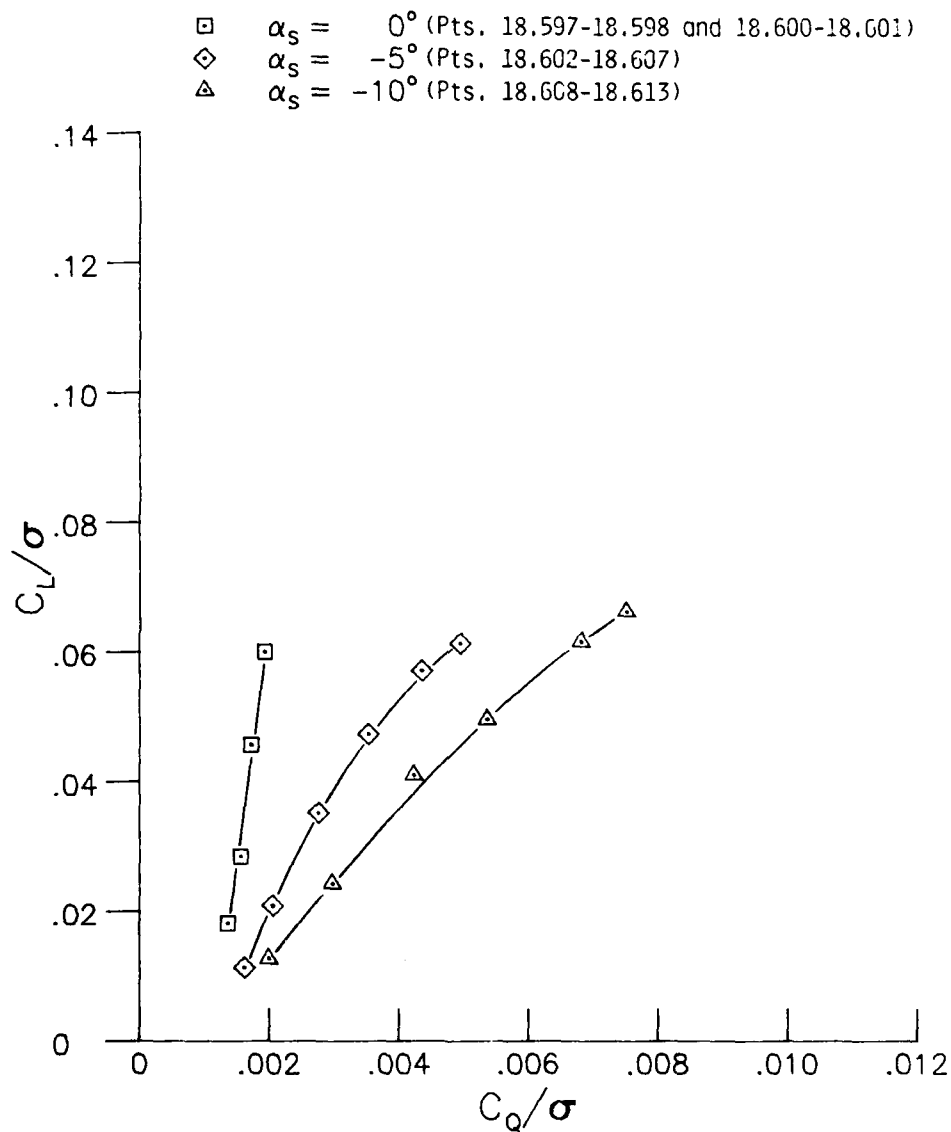
Figure 12.- Continued.





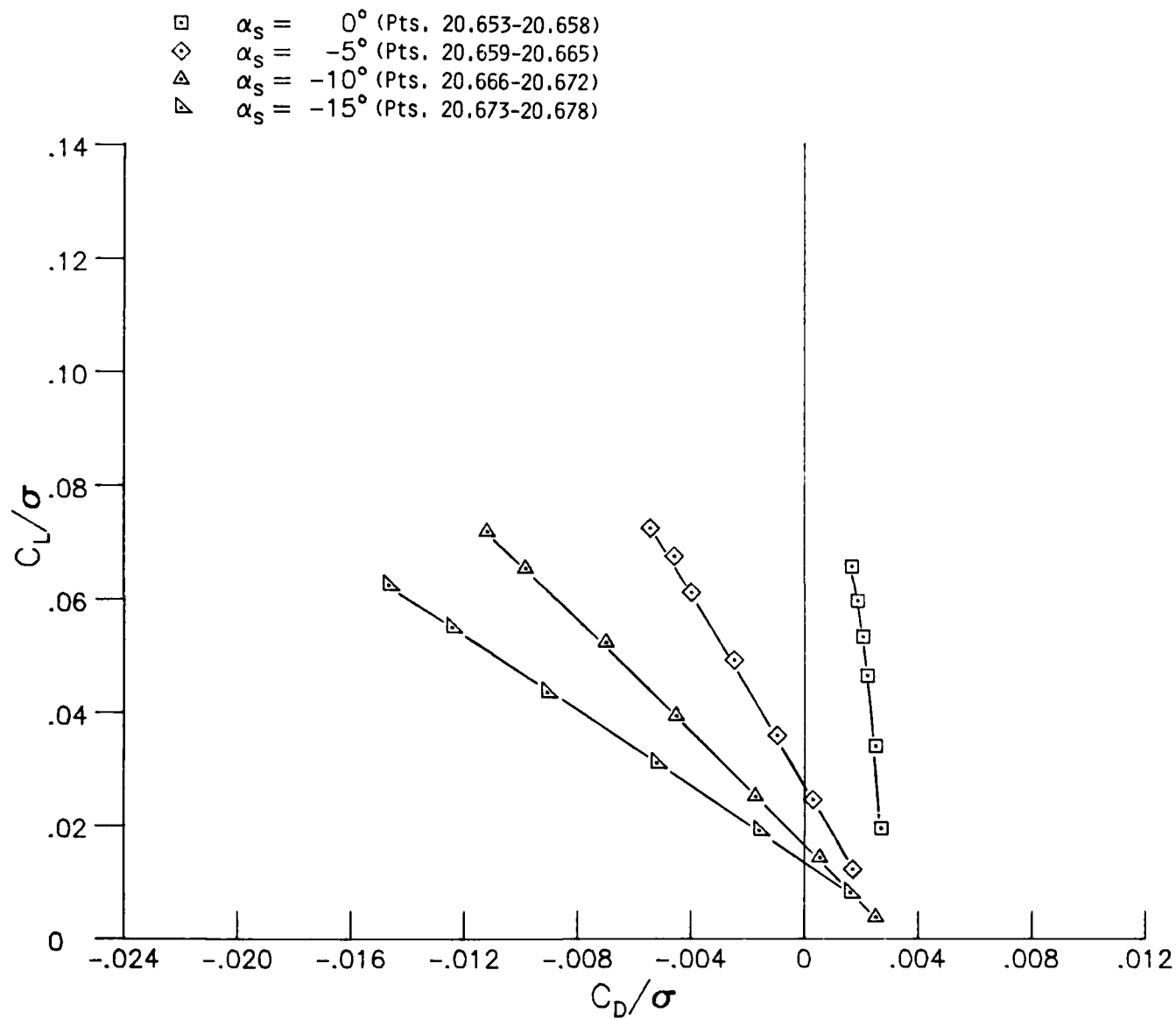
(i)  $C_L/\sigma$  versus  $C_D/\sigma$  at  $\mu = 0.40$  and  $M_T = 0.62$ .

Figure 12.- Continued.



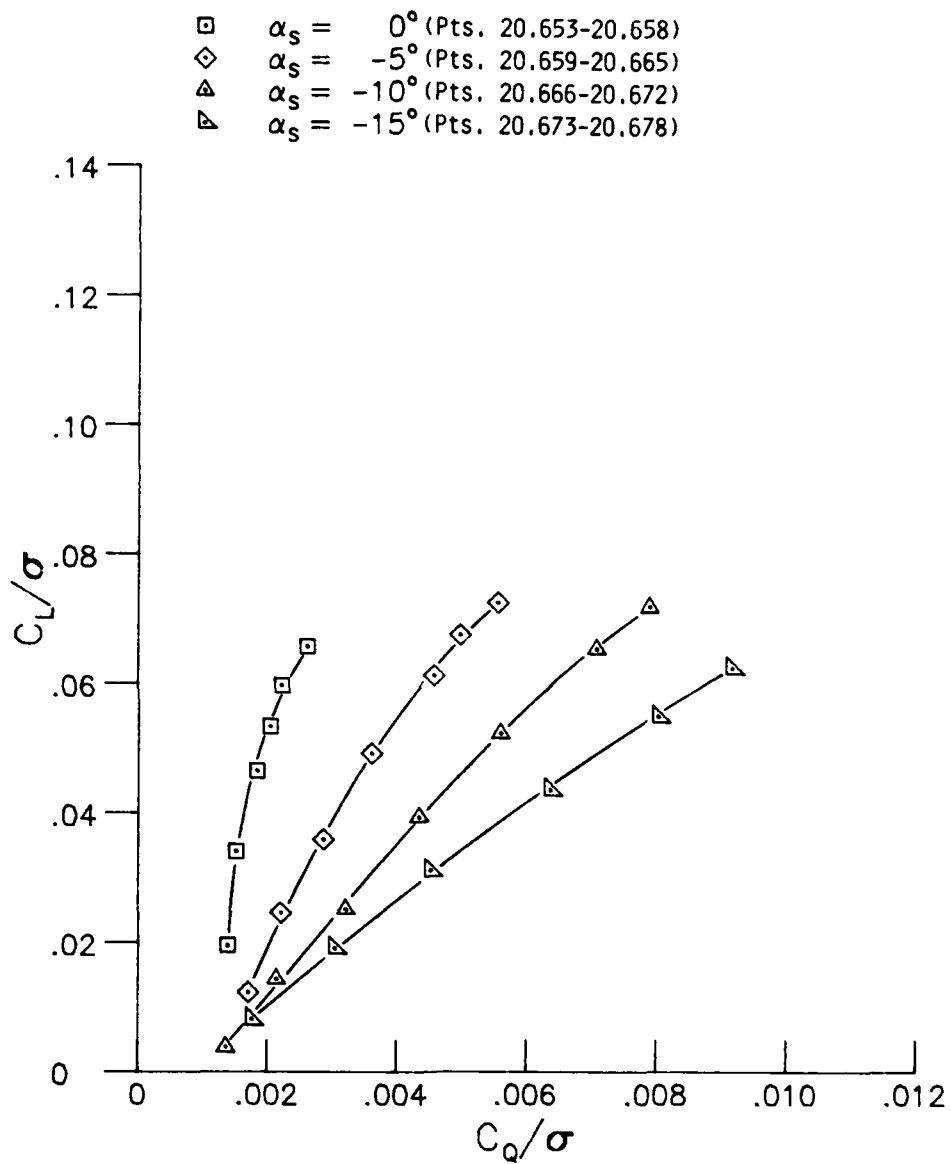
(j)  $C_L/\sigma$  versus  $C_Q/\sigma$  at  $\mu = 0.40$  and  $M_T = 0.62$ .

Figure 12.- Continued.



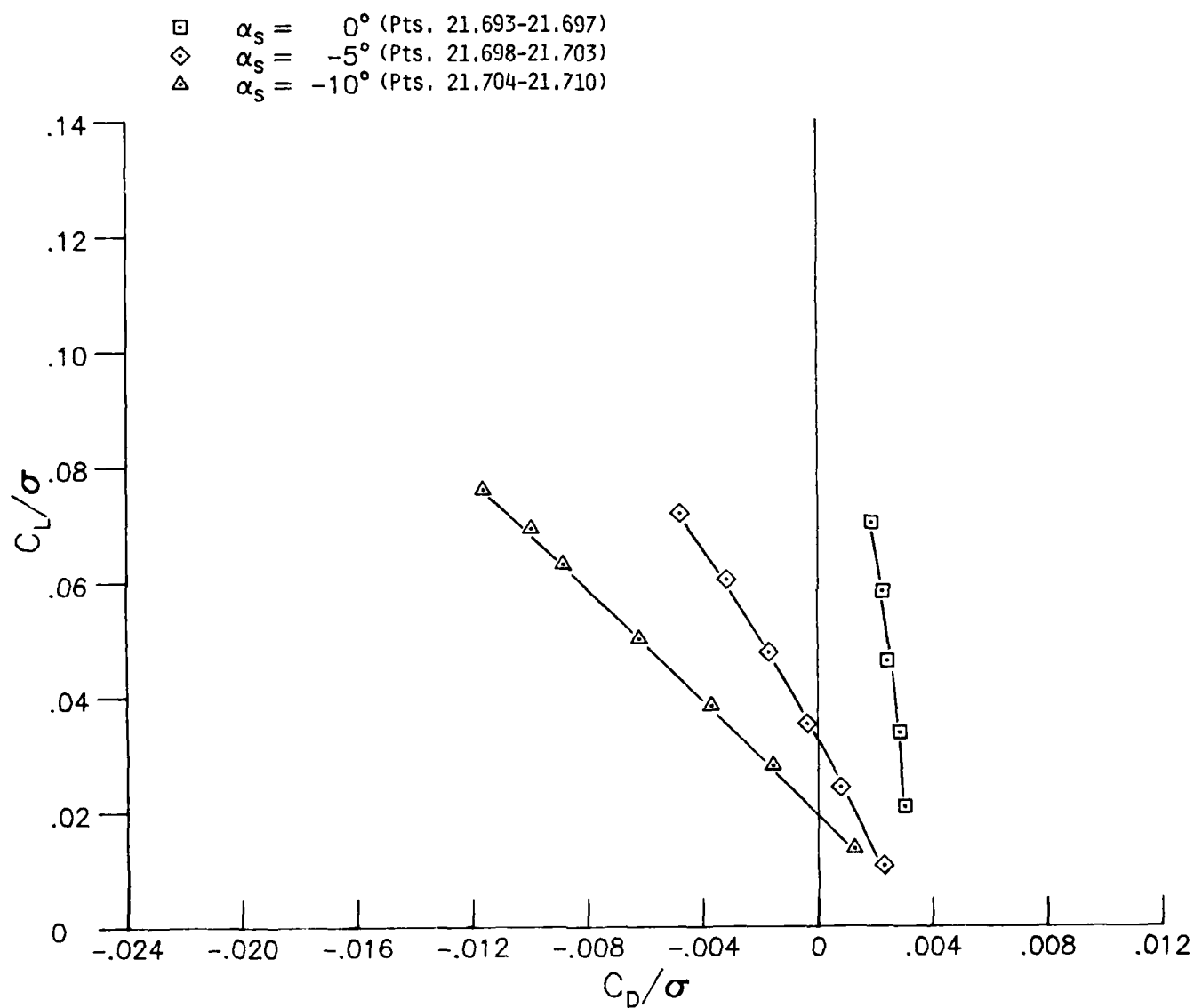
(k)  $C_L/\sigma$  versus  $C_D/\sigma$  at  $\mu = 0.40$  and  $M_T = 0.65$ .

Figure 12.- Continued.



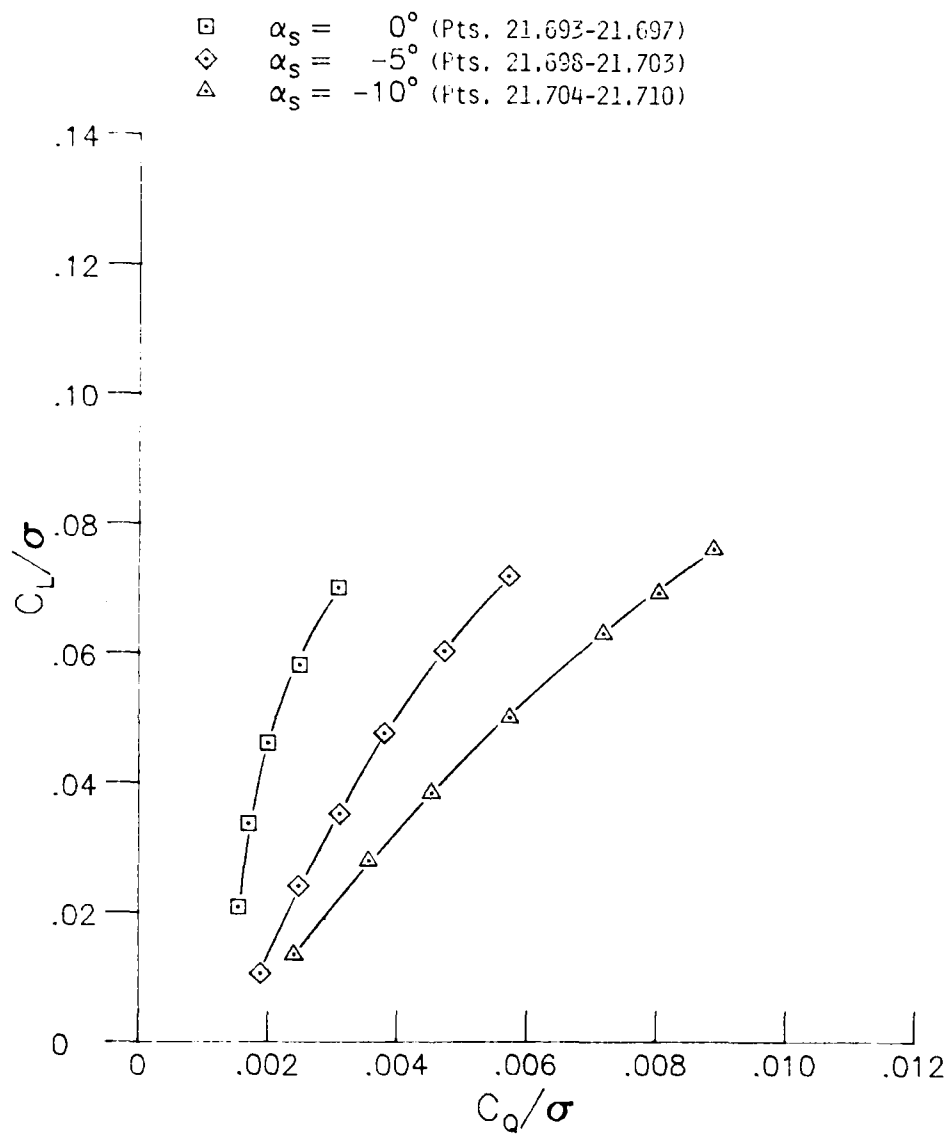
(1)  $C_L/\sigma$  versus  $C_Q/\sigma$  at  $\mu = 0.40$  and  $M_T = 0.65$ .

Figure 12.- Continued.



(m)  $C_L/\sigma$  versus  $C_D/\sigma$  at  $\mu = 0.40$  and  $M_T = 0.68$ .

Figure 12.- Continued.



(n)  $C_L/\sigma$  versus  $C_Q/\sigma$  at  $\mu = 0.40$  and  $M_T = 0.68$ .

Figure 12.- Concluded.

1. Report No. NASA TM-84573 AVRADCOM TR 82-B-9		2. Government Accession No. <b>A128508</b>		3. Recipient's Catalog No.	
4. Title and Subtitle LOADS AND PERFORMANCE DATA FROM A WIND-TUNNEL TEST OF MODEL ARTICULATED HELICOPTER ROTORS WITH TWO DIFFERENT BLADE TORSIONAL STIFFNESSES				5. Report Date April 1983	
				6. Performing Organization Code 505-42-13-01	
7. Author(s) William T. Yeager, Jr., and Wayne R. Mantay				8. Performing Organization Report No. I-15507	
				10. Work Unit No.	
9. Performing Organization Name and Address Structures Laboratory AVRADCOM Research and Technology Laboratories NASA Langley Research Center Hampton, VA 23665				11. Contract or Grant No.	
				13. Type of Report and Period Covered Technical Memorandum	
12. Sponsoring Agency Name and Address National Aeronautics and Space Administration Washington, DC 20546 and U.S. Army Aviation Research and Development Command St. Louis, MO 63166				14. Army Project No. 1L262209AH76	
15. Supplementary Notes William T. Yeager, Jr., and Wayne R. Mantay: Structures Laboratory, AVRADCOM Research and Technologies Laboratories.					
16. Abstract  An investigation was conducted in the Langley Transonic Dynamics Tunnel to evaluate a passive means of tailoring helicopter rotor blades to improve performance and reduce loads. The parameters investigated were blade torsional stiffness, blade section camber, and distance between blade structural elastic axis and blade-tip aerodynamic center. This offset was accomplished by sweeping the tip. The tests were conducted at advance ratios of 0.20, 0.30, and 0.40. Data are presented without analysis.					
17. Key Words (Suggested by Author(s)) Helicopters                      Model rotor testing Helicopter rotor performance Blade-tip geometry Blade loads Articulated rotors			18. Distribution Statement Unclassified - Unlimited  Subject Category 02		
19. Security Classif. (of this report) Unclassified	20. Security Classif. (of this page) Unclassified	21. No. of Pages 321	22. Price* A14		

**END**

**FILMED**

**6-83**

**DTIC**